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Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

Vol. 20 No. 11 | Lancaster Farming, Saturday, January 25, 1975 | $2.00 Per Year

Triplet calves, hard to photograph and even harder to hold, were born last Sunday night on the farm of Mr. and Mrs. Wilmer Shertzer, Columbia RD1. Shertzer is shown here with his three-year-old daughter, Beth, as he tried for a group portrait of the two bulls and a heifer.

120 from Lebanon Co. . . .

Farmers Give Calves To Feed the Hungry

In a move to counter much of the adverse publicity farmers have garnered from shooting calves and dumping them into holes in the ground, a group of Lebanon County farmers on Monday trucked 120 calves to three slaughtering houses and donated the meat to be used for hungry people.

The action was begun and coordinated by the Lebanon County Farmers Association. Eugene Hoffman, Newmanstown, president of the association, said, "We wanted to let the general public know about the farmer's economic plight, and this was one of the best ways we could think of to do it. But we didn't want all that meat to go to waste, so it was donated to the Mennonite Central Committee. They'll send it overseas where it will be used to feed hungry people.

"People don't realize," Hoffman said, "that manufacturers can raise their prices when their costs go up. Farmers can't do that, though. We have to take what we can get, and lately we haven't been getting enough."

Most of the calves that were donated by about 70 farmers were young Holsteins, although one farmer who didn't have any calves donated a 1000-pound steer. Robert Lentz, Frystown, a member of the Farmers Association dairy committee, detailed some of his reasons for donating the calves which might have been sold in better times.

"Last year I could have sold calves for $60. This year they're only bringing $15. It doesn't pay us to keep that calves because we can't afford to feed them. And it doesn't pay us to sell them either, because we still lose money. So we might as well give them away.

"We had pretty good press coverage," Lentz said a few day after the donations were made. "Our story was

[Continued on Page 22]

Inter-State District 3 Holds Annual Meeting

"We have been demanding and getting a higher price than the government minimum for our members' milk," Dr. Paul Hand told a group of Lancaster County dairy farmers on Thursday. "But now we've got to watch out that the government doesn't consider our practices monopolistic. We don't consider ourselves a monopoly. We're just trying to get our members a fair return for their labor and investment."

Hand was talking to members of District 3, Inter-State Milk Producers Cooperative during their annual meeting in Quarryville. He is the economist for the cooperative as well as the assistant general manager.

Looking ahead to the day when the Feds may come rapping on the coop's door, Hand said they are now surveying members to get a fix on actual milk production costs. "About half our members have already said they'd cooperate in the survey," Hand said. "I hope

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Rohrer Honored by Conservation Group

Robert K. Rohrer was honored as Pennsylvania's top land improvement contractor of the year last week during the annual convention of the Pennsylvania Land Improvement Contractors Association (PLICA) in Harrisburg. The award was presented to Rohrer on Friday evening at the banquet which wound up the three-day conference.

PLICA is the state arm of the Land Improvement Contractors of America. Rohrer now becomes eligible for the national contractor award, which will be presented at the upcoming national convention in Texas. He had previously been cited as Lancaster County's top land contractor for the year by the Pennsylvania Association of Conservation District Directors.

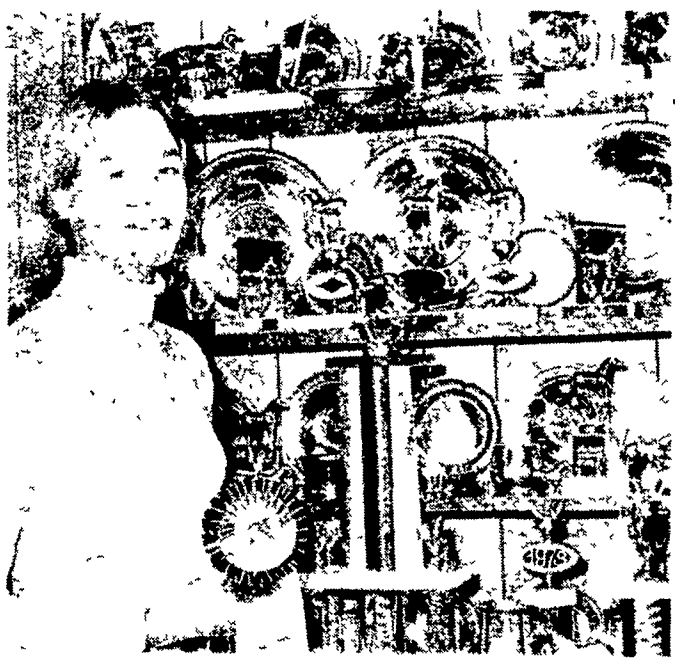
Rohrer was cited for his active participation in soil conservation work. He is credited with constructing approximately 22,100 feet of sod waterways and 7,500 feet of cropland terraces as well

[Continued on Page 23]

Robert Rohrer, Spring Valley Road, Quarryville, was named Pennsylvania's top land improvement contractor of the year last week at an annual contractor convention in Harrisburg.

Patti Yarnell

Chester County's Avid Equestrienne



Patti Yarnell, Oxford RD1, holds one of the many ribbons she has won during horse show competitions.

Patti Yarnell is a young lady who has been active in many youth organizations for the past several years. She has won hundreds of awards not only in 4-H and Grange work but in high school competions as well. However, her most favorite project throughout the past six years has been working with, riding and training horses.

Patti is an accomplished equestrinne and has ridden horses since she was five-years-old. This past summer, Patti was chosen as a representative to the National Pony Club competition in Georgia where she competed for honors in the three day events contest.

To be invited to such a competition is not an overnight action for it takes many years of practice and competiting before a young person has both the knowledge and skill to perform at such an event.

Patti started working with horses when she was young and joined a 4-H Horse Club and the Gum Tree Pony Club to learn more about the animals as well as riding English. During her years as a member of the organizations, she competed in many area shows as well as at prestigious shows in Pa. and Maryland often entering the working hunter and open jumping classes capturing first place.

Although Patti explained that she had taken a real interest in competition at 16-years-old, she has a myriad of trophies, ribbons, plaques

[Continued on Page 9]

Local Livestock Market, Auction News

Lancaster Market

Monday, January 20

	Cattle	Calves	Hogs	Sheep
Today	537	89	612	144
Last Monday	830	145	625	190
Last Year	665	100	726	186
Monday's Auction	576	121	562	156
Last Monday's Auction	615	151	665	200

CATTLE: Compared to last Wednesday slaughter steers steady to weak; cows 50-1.00 higher; bullocks steady; bulls 1.00-1.50 higher.

SLAUGHTER STEERS: Choice 1000-1275 lb. 37.00-39.00, couple head 39.10-39.25, lot Choice 925 lb. 35.85; high Good and low Choice 35.00-37.25; Good 32.00-35.50, few 35.50-36.50; Standard and low Good 27.75-32.00; few Utility and low Standard 22.75-27.00.

COWS: Utility and high dressing Cutter 19.00-20.75, few 21.00-21.35, couple 22.60-22.75; Cutter 18.00-20.00; Canner and low Cutter 16.25-18.00.

BULLOCKS: Choice 950-1250 lb. 32.00-36.75, few 39.25-39.75; Good 24.50-27.50, few 27.50-28.75.

BULLS: Yield grade 1 1100-1700 lb. 26.50-28.00, few 28.50-30.00; yield grade 2 1000-1450 lb. 23.75-26.75.

VEAL CALVES: Vealers uneven, small supply Choice and Prime steady to 1.00 lower, Standard and Good steady, Utility 1.00-2.00 higher.

VEALERS: Prime 62.00-65.00, couple 65.00-67.00; Choice 50.00-58.00; Good 38.00-48.00; Standard 30.00-38.00; Utility 90-120 lb. 21.00-26.00.

SHEEP: Wooled lambs 1.00 higher.

WOOLED LAMBS: Choice 80-105 lb. 41.00-41.50, few small lots 43.00-43.50.

Vintage Auction

Tuesday, January 21

	Cattle	Calves	Sheep
Today	533	532	40
Last Tuesday	776	523	13
Last Year	778	518	13

CATTLE: Compared to last Tuesday slaughter steers fully steady, although bulk of Choice 50-1.00 higher to small retail trade; cows 50-1.50 higher; bullocks fully steady; bulls mostly 2.00 higher, instances 3.00 higher on yield grade 1.

SLAUGHTER STEERS: Choice 950-1325 lb. 38.00-41.25, around 15 head mostly Choice yield grade 2 42.25-43.25; high Good and low Choice 37.00-38.00; Good 33.00-36.50; Standard and low Good 27.00-32.00.

COWS: Utility and high dressing Cutter 18.50-21.00, few 21.50-22.50, couple 22.75-23.00; Cutter 17.50-20.50; Canner and low Cutter 16.00-17.50.

BULLOCKS: Choice 950-1250 lb. 30.75-32.00; Good 26.50-30.00.

BULLS: Yield grade 1 1100-1800 lb. 26.50-29.00, few 29.50-31.00; yield grade 2 1000-1400 lb. 24.50-27.00.

VEAL CALVES: Vealers 1.00-2.00 higher.

VEALERS: Prime 64.00-67.00, couple 71.00-74.00; Choice 52.00-60.00; Good 39.00-52.00; Standard 110-140 lb. 32.00-43.00, 100-110 lb. 28.00-35.00; Utility 90-120 lb. 23.00-28.00, 70-90 lb. 18.00-23.00, few 55-70 lb. 10.00-17.00.

SHEEP: Market not fully tested, around 25 head Good 50-90 lb. wooled slaughter lambs 32.00-44.00, few 44.00-49.00.

Lancaster Auction

Wednesday, January 22

	Cattle	Calves	Hogs	Sheep
Today	691	75	352	1
Last Wednesday	514	76	781	16
Last Year	747	96	574	22
Wed.'s Auction	586	91	386	2
Last Wed.'s Auc.	509	85	781	32

CATTLE: Compared to Monday slaughter steers uneven, Choice 50-1.00 lower, Standard and Good mostly steady, instances 50 lower on 900-950 lb. weights; cows steady; bullocks steady to weak; bulls steady to 50 higher.

SLAUGHTER STEERS: Choice 975-1350 lb. 35.85-38.10, few head 38.25-38.60; high Good and low Choice 1000-1300 lb. 34.00-36.25, 900-1000 lb. 32.75-35.75; Good 1000-1250 lb. 33.50-35.00, 900-1000 lb. 30.75-34.50; Standard 27.00-30.00.

SLAUGHTER HEIFERS: Choice 800-950 lb. 29.75-32.75; Good 27.00-30.00.

COWS: Utility and high dressing Cutter 19.25-21.60, few 21.75-22.10; Cutter 17.50-19.75; Canner and low Cutter 16.50-17.50.

BULLOCKS: Choice 950-1250 lb. 30.75-33.00, couple 34.00-35.00; Good 25.00-30.00.

BULLS: Yield grade 1 1100-1700 lb. 26.50-29.50, few 29.50-31.50; yield grade 2 24.75-27.00.

VEAL CALVES: Vealers steady to 1.00 higher.

VEALERS: Prime 67.00-74.00; Choice 52.00-62.00; Good 40.00-50.00; Standard 30.00-40.00; Utility 90-120 lb. 22.00-27.00, 65-85 lb. 19.00-22.00.

SHEEP: No market test.

New Holland Auction

Thursday, January 23

	Cattle	Calves	Sheep
Today	958	632	11
Last Thursday	845	471	11
Last Year	701	390	21

CATTLE: Compared to last Thursday slaughter steers steady to 1.00 lower, instances 1.50 lower; cows opened steady to 50 higher with closing sales mostly 1.00 higher; bullocks steady to weak; bulls 50-1.00 higher. Supply included 33 per cent cows.

SLAUGHTER STEERS: Choice 950-1300 lb. 36.50-38.50, several mainly Choice yield grade 2 38.75-40.75, couple 41.50-42.00; high Good and low Choice 34.00-36.85; Good 31.75-35.00; Standard 26.50-30.00; Few Utility and low Standard 23.00-26.00.

SLAUGHTER HEIFERS: Few Choice 840-1100 lb. 32.00-37.00; Good 25.00-30.00.

COWS: Utility and high dressing Cutter 19.00-21.50, few 21.50-22.75, couple 23.00-23.35; Cutter 18.00-20.25; Canner and low Cutter 15.00-18.00.

BULLOCKS: Choice 950-1250 lbs. 29.25-32.50, couple 33.00-34.00; Good 25.00-29.50.

BULLS: Yield grade 1 1100-1700 lb. 26.75-29.75, few 30.00-31.75; yield grade 2 1000-1400 lb. 24.50-27.75, few 900-1000 lb. 21.50-24.50.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Choice 54.00-60.00, few 61.00-64.00; Good 42.00-54.00; Standard 110-130 lb. 32.00-42.00; Utility 90-105 lb. 23.00-29.00, 70-85 lb. 21.00-26.00, few 50-70 lb. 15.00 19.00.

RETURNED TO FARM: Bulk 105-115 lb. Holstein bulls 30.00-35.00, few 37.00-42.00.

SHEEP: Insufficient volume for a market test; few Good 55.75 lb. wooled slaughter lambs 40.00.

Composite Report

Friday, January 24

	Cattle	Calves
This Week	3000	1350
Last Week	3700	1224
Last Year	3429	1167

CATTLE: Slaughter steers 50.1.00 lower, although Choice on Tuesday and Choice yield grade 2 on Thursday fully steady to small retail outlets; cows 50-1.00 higher; bullocks fully steady; bulls 50-1.00 higher, extremes as much as 3.00 higher than last week. Supply included an estimated 40 per cent slaughter steers, 25 per cent cows, 10 per cent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: Choice 950-1300 lb. 36.50-38.50, several Choice mainly yield grade 2 38.75-41.25 with around 15 head 42.25-43.25; high Good and low Choice 34.00-37.00; Good 31.75-35.00; Standrad 26.50-30.00; few Utility and low Standard 23.00-26.00.

SLAUGHTER HEIFERS: Choice 800-1100 lb. 29.75-32.75, few 35.00-37.00; Good 25.00-30.00.

COWS: Utility and high dressing Cutter 19.00-21.50, few 21.50-22.75, couple 22.75-23.35; Cutter 17.50-20.00; Canner and low Cutter 15.00-18.00.

BULLOCKS: Choice 30.50-33.00, few 33.00-35.00, couple 37.00-39.75; Good 24.00-30.00.

BULLS: Yield grade 1 1100-1700 lb. 26.50-29.75, few 30.00-31.75; yield grade 2 1000-1400 lb. 24.50-27.75, few 900-1000 lb. 21.50-24.50.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Prime 64.00-70.00, few 71.00-74.00; Choice 52.00-62.00; Good 41.00-54.00; Standard 110-140 lb. 30.00-42.00; Utility 90-110 lb. 23.00-29.00, 70-90 lb. 20.00-26.00, few 50-70 lb. 10.00-19.00.

RETURNED TO FARM: Bulk 105-115 lb. Holstein bulls 30.00-35.00, few 37.00-42.00.

Lebanon Valley Livestock

January 21, 1975

CATTLE 159. Compared with last Tuesday's market, slaughter cows 25 cents to $1.25 higher. Slaughter bulls steady to 50 cents lower. Few Good slaughter steers 33.00-36.85, few Standard 29.00-34.50. Few Good and Choice slaughter heifers 30.35-34.85. Utility and High Dressing Cutter slaughter cows 19.00-22.35, Cutters 18.75-20.60, Canners 17.00-18.25. Few Choice slaughter bullocks 29.60-31.85, few Good 27.50-31.00, few Standard 25.25-26.85. Yield Grade No. 1, 1500-1800 lbs. slaughter bulls 23.75-27.85.

CALVES 140. Vealers grading Utility and Standard $1 to $4 higher. One Prime vealer at 57.50, few Choice 50.00-56.00, Good 42.00-48.50, Standard 31.50-40.00, Utility 90-120 lbs. 22.00-29.00, 70-85 lbs. 17.50-22.50. Farm Calves: Hol. bulls 90-110 lbs. 26.00-35.00.

SHEEP 6. Few Good and Choice 50-120 lbs. wooled slaughter lambs 38.50-42.50.

Lancaster Feeder Cattle

Friday, January 17

	Feeder Cattle
Today	641
Last Week	417

FEEDER CATTLE: Choice feeder steers fully steady, Good 400-700 lb. 50-1.00 lower; feeder bulls steady.

FEEDER STEERS: Load Choice and Prime 860 lb. 33.00; couple lots Choice 815-980 lb. 33.00-33.50; Choice 750-840 lb. 30.00-32.00; lot mixed Good and Choice 850 lb. 27.50; Good 830-970 lb. 25.60-26.75; few Standard 730-930 lb. 17.75-18.35; Good 400-600 lb. 24.25-26.10; couple lots Choice 560-640 lb. 29.10-29.25.

FEEDER BULLS: Good 400-700 lb. 20.50-22.00, couple lots 22.75-23.25.

HAY MARKETS

New Holland

January 20

21 Loads of hay and 3 loads of straw.

Alfalfa 52.00-79.00; Timothy few loads 53.00-70.00; Mixed hay 51.00-66.00; straw-three loads 43.00-47.00; orchard grass 1 load a 47.00 and corn 3 loads 66.00-72.00.

Green Dragon

January 17, 1975

78 Loads Hay & 41 Loads Straw

Alfalfa 61.00-79.00, 14 loads at 48.00-56.00; Timothy 40.00-62.00; Mixed hay 42.00-74.00, couple 84.00; Clover, few loads 43.00-61.00; Orchard Grass hay, one load at 49.00; Straw 35.00-40.50; Corn, 12 loads 68.00-76.50.

Paul Z. Martin

Wednesday, Jan. 22

38 loads of hay & straw sold as follows:

Alfalfa 56.50 to 80; Timothy 52 to 55.50; Mixed Hay 51.50 to 68; Straw 40 to 51.50; 1 load Corn 66.

Regional

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)

Hay and Straw steady.

Alfalfa 60.00-70.00; Mixed hay 40.00-50.00; Timothy hay 35.00-45.00; Straw 30.00-38.00; Mulch 20.00-35.00.

New Holland Horse Auction

Monday, January 20

Reported receipts of 508 horses, mules and ponies. Market steady with last week.

Load of Kansas riding horses 195-400; load of Iowa riding horses 205-380; load of Tennessee riding horses 205-380; load of Ohio driving horses 165-250 and local work horses pairs 720-1400 and singels 405-650.

Mules 160-610; driving horses 150-490; riding horses 140-235; better horses 250-400; lightweight killers 16-18; heavyweight killers 19-22; mare ponies 13-35; colts 5-15; geldings 15-30 and larger ponies 45-65.

Lancaster Feeder

Tuesday, January 21

FEEDER PIGS: 793.

Compared to sale two weeks ago US 1-2 mostly steady, US 2-3 5.00-6.00 higher.

US 1-2 45-65 lb. 65.00-71.00; One lot 70 lb. 62.00; US 2-3 50-75 lb. 54.00-60.50; US 3 35-50 lb. 55.00-63.00; US 3 30-34 lb. 51.00-54.00; Couple lots 57-64 lb. 49.00-51.00.

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Horse Sale — MONDAY at 10:00 A.M.
Hay, Straw & Ear Corn — MONDAY 11:00 A.M. and WEDNESDAY 12:00
Dairy Sale — WEDNESDAY at 12:30 P.M.
Fat Steers, Bulls, Cows & Veal
THURSDAY at 12:00 Noon
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Carlisle Livestock

CATTLE 343. Supply included 121 head feeder cattle. Compared with last Tuesday's market, slaughter steers strong to $2 higher. One Choice slaughter steer at 36.50, Good 30.25-34.50, Standard 28.75-31.85, few Utility 25.35-27.50. One Good slaughter heifer at 28.00, one Standard at 28.35, few Utility 23.85-24.10. Utility & High Dressing Cutter slaughter cows 20.75-22.00, Cutters 19.00-21.00, Canners 17.60-19.10. One Standard slaughter bullock at 24.50, one Utility at 20.10. Two Yield Grade 1 1115 and 2265 lbs. slaughter bulls 24.10 and 27.60; one yield grade 2 1155 lbs. at 24.10. Medium & Good 385-780 lbs. feeder steers 21.50-26.00.

CALVES 141. Vealers strong to $2, spots $5 higher. One Prime vealer 71.00, one Choice at 54.00, Good 45.00-55.00, Stnadard 31.00-48.00, Utility 90-120 lbs. 20.00-26.50, few to 29.00, 70-85 lbs. 18.00-20.00. Farm Calves, holstein bulls 85-125 lbs. 25.00-34.00.

HOGS 272. Barrows & Gilts $1 to $1.50 lower. Lot US No. 1-2 230 lbs. barrows & gilts 40.00, No. 1-3 200-245 lbs. 39.35-40.00, No. 2-3 190-265 lbs. 38.00-39.35. US No. 1-3 245-535 lbs. sows 30.00-37.50, few Utility 170-330 lbs. 15.00-28.00. Few Boars 24.50-25.75.

FEEDER PIGS 231. US No. 1-3 20-35 lbs. feeder pigs 7.00-11.50 per head, No. 1-3 35-50 lbs. 9.00-13.50, lot No. 1-3 80 lbs. 24.00 per head, No. 1-3 75-120 lbs. 21.00-33.50 cwt.

SHEEP 16. Few Good 45-100 lbs. wooled slaughter lambs 29.00-40.00.

HAY & STRAW SALE
EVERY WEDNESDAY AT 12 NOON
PAUL Z. MARTIN
SALES STABLES
2 miles East of Intercourse
Sale Managed By
HARVEY Z. MARTIN

York Livestock

Thomasville, PA
January 22, 1975

CATTLE 92. Compared with last Wednesday's market: Few Good slaughter steers 32.35-33.60, Standard 27.00-32.35, few Utility 23.50-27.00. Couple Choice slaughter heifers 1010-1200 lbs. 32.50 & 35.50, few Good 28.00-31.50, few Standard 22.75-27.25. Few Utility and High Dressing Cutter slaughter cows 19.35-20.75, few Cutters 16.35-19.10, few Canners 14.00-16.00. Standard slaughter bullocks 22.00-25.00. Couple Yield Grade No. 1, 1250 and 1300 lbs. slaughter bulls 26.00 and 30.75.

CALVES 66. Vealers grading Utility steady to $3 higher. Few Good vealers 40.00-48.00, few Standard 30.00-46.00, Utility 90-120 lbs. 19.00-25.00, 70-85 lbs. 17.00-20.00.

HOGS 20. Few US No. 2-3 195-250 lbs. barrows and gilts 37.50-39.00, lot No. 2-4 180 lbs. at 35.75. Few US No. 1-3 340-380 lbs. sows 27.00-32.50.

FEEDER PIGS 18. Few US No. 1-3 40-50 lbs. feeder pigs 15.50-16.50 per head.

SHEEP 4. Few slaughter ewes 10.00-13.00.

Baltimore USDA Report

January 20

CATTLE 250: Limited sale of slaughter animals - 1.00-1.50 lower. Cows steady to 50 cents higher. Few bulls steady and feeders untested.

Supply: 35 percent slaughter heifers; 50 percent cows and the balance bulls and feeders.

STEERS: High Good and Choice 2-4 1100-1260 lbs. 37.00-38.25. Several Goods 1000-1150 lbs. 33.00-35.00; Heifers - High Choice 3-4 985 lbs. 35.50.

COWS: Utility 19.00-22.00; Cutters 17.00-19.10; Canners 14.00-17.00. Bulls 24.00-27.60. Feeder steers: Good 24.50-24.75; Good to 42.00.

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HOG PRICES

Lancaster Market

Jan. 20, 1975

HOGS: Barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 40.25-40.35; Few US 1 210-240 lb. 41.00-41.60; US 2-3 190-260 lb. 39.75-40.25.

Vintage Auction

January 18

HOGS: 766.

Compared to last week, boars and gilts 75 cents to 1.25 lower. 1-2 210-230 lbs. 42.00-42.75; 1-3 40.00-41.25; 2-3 39.00-40.00; 2-4 34.25-38.75; 2-4 125-145 lbs. 26.75-27.50 and 1 lot 165 lbs. 36.75. Sows 1-3 32.00-34.00 and boars 24.00-26.00.

January 22

HOGS: 335.

Compared to last week: boars and gilts 25 cents to 75 cents lower. 1-2 200-235 lbs. 41.50-42.00; 1-3 200-250 lbs. 40.50-41.50; sows 1-3 300-550 lbs. 32.00-33.00; boars 26.00-28.00.

Lancaster Auction

Jan. 23, 1975

HOGS: Barrows and gilts 50-75 higher.

BARROWS AND GILTS: US 1 210-230 lb. 42.50-43.00; US 1-3 200-260 lb. 41.60-42.10; US 2-3 255-270 lb. 40.50-41.25.

New Holland Auction

HOGS 1289
Retail 41.50-43
Heavyweights 40-40.75; Lightweights 38-40.75; Wholesale 40.75-41.50; Sows 30-34; Boars 26-36.

Peoria Auction

Jan. 23, 1975

PEORIA HOGS: 3000. Barrows and gilts steady to weak.

BARROWS AND GILTS: US 1-2 200-230 lb. 40.50-41.00. US 1-3 200-240 lb. 39.50-40.50.

HOGS: 500 boars and gilts 1.00 lower with few 1.25 lower. US 1-3 200-240 lbs. 39.00-39.50; 2-3 240-260 lbs. 39.25-39.50; 2-4 38.75-39.25; sows 1.00 lower 1-3 31.50-32.00.

St. Louis Auction

Jan. 23, 1975

ST. LOUIS HOGS: 5500. Barrows and gilts steady to fully 25 higher.

BARROWS AND GILTS: US 1-3 200-240 lb. 40.00-40.50, few early 39.75.

Indianapolis Auction

Jan. 23, 1975

INDIANAPOLIS HOGS: 1500. Barrows and gilts fully 25 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 40.60-40.75, 20 head 41.00. US 1-3 200-250 lb. 40.00-40.50.

Leb. Valley Auction

HOGS 271. Barrows and gilts weak to 25 cents lower. US No. 1-3 195-235 lbs. barrows and gilts 40.35-40.75, No. 2-3 185-210 lbs. 38.60-39.85, few lots No. 2-4 260-290 lbs. 35.10-38.50. US No. 1-3 300-500 lbs. sows 33.00-34.75, few No. 2-3 250-350 lbs. 30.25-33.00. Boars 23.75-25.00.

FEEDER PIGS 11. Lot US No. 1-3 25 lbs. feeder pigs 16.50 per head.

Local Grain

Thursday, January 23

These prices are made up of the average prices quoted by a number of participating local feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, January 23, 1975, are as follows:

	Bid+	Offered+
Ear Corn		
New	68.50	74.00
Old	—	—
Shelled Corn	3.10	3.43
Oats		
Local	1.50	1.77
Western	—	2.23
Barley	2.50	2.73
Wheat		
Feed	3.15	3.38
Millers	3.21	—

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Futures Trading

(Closing bids as of Thursday, January 23)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January				
February	36.60	39.50		50.15
March			3.12	52.00
April	37.15	39.50	3.29	47.90
May			3.55	48.35
June	37.40	42.57		48.95
July		43.65		
August	37.30	42.55		
September				
October	37.10	42.00		
November			4.55	
December	37.30	42.97		

Trend — Cattle are Higher, Hogs are Higher, Potatoes are Lower and Eggs are Steady.

Markets Provided by Commodity Department
Reynolds Securities, Inc.

Chicago Grain Futures

(Closing bids as of Thursday, January 23)

	Corn	Wheat	Soybeans	Soybean Meal
January				
March	3 12¼	3.98	6.06	124.50
May	3.15¼	3.93¼	6.16	131.25
July	3.15¾	3.84½	6.26½	137.00
September	2.99¾	3.91	6.15	144.00
October				143.00
November			6.08½	
December	2.79	4.01		143.00

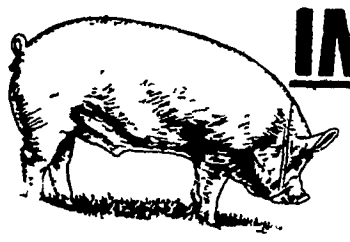
Trend — Corn is Higher, Wheat is Higher, Soybeans are Stronger and Soybean Meal is Higher.

Markets Provided by Commodity Department
Reynolds Securities, Inc.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to Date	538,000	1,051,000	128,000
Same Period Last Week	535,000	1,126,000	115,000
Same Period Last Year	479,000	1,270,000	139,000



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The two sales scheduled for February will be held on Tuesday, the 4th, and Tuesday, the 18th, starting at 1 P M. Consignors wishing to tag their pigs on the farm can get the tags at the state office at the stockyards, not later than 4 P M any day preceding the sale, thereby saving 25 cents per pig

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Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

Monday, January 20 to Friday, January 24

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Large	64	65	65	65	65
Large	64	65	65	65	65
Mediums	59	60	60	61	61
Pullets	55	55	55	55	55
Peewees	40	40	40	40	40
BROWN					
Large	69	71	71	71	71
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	56	56	56	57	57
Checks	33	33	32	32	32

Tone — Midwest Steady. Other Areas Steady To Firm.

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NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	57	57
Class 3 - Medium	42 lbs.	54	54
Class 4 - Small	39 lbs.	43	44
Breaking Stock	48 lbs.	42	42
Checks	48 lbs.	35	35

Weekly — St. Louis

January 23, 1975

Weekly Cattle Review: Receipts 8,000, last week 8,700, year ago 6,700. Compared close last week, Slaughter Steers and Heifers 2.00-3.00 lower in sympathy with a sharply lower dressed beed trade. Cows 1.00-2.00 lower, bulls steady. Supply mostly Good and Choice 900-1150 lbs. yield grade 2-4 Slaughter Steers, around 18 percent Heifers, 18 percent Feeders.

SLAUGHTER STEERS: Load Choice and Prime 1050 lbs. yield grade 3 37.25, load 1200 lbs. yield grade 4 35.85, package Wednesday 34.00. Choice 950-1150 lbs. yield grade 2-4 36.00-37.50, few Wednesday 34.50-35.00. Good 30.00-34.00; Standard and Good Holsteins 1100-1400 lbs. 29.00-30.50; Standard 24.00-28.00.

SLAUGHTER HEIFERS: Package Choice and Prime 950 lbs. yield grade 3-4 35.50, part load 35.75, Choice 850-1000 lbs. yield grade 2-4 34.50-35.50, few Wednesday 33.00. Good 26.00-33.00; Standard 23.00-27.00.

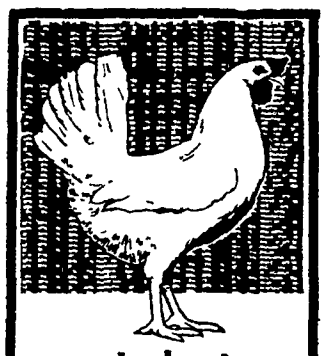
COWS: Late sale Utility and Commercial 15.00-17.00, few 17.00-18.00, Cutter 13.00-15.00; Canner 9.00-12.00.

BULLS: Yield grade 1-2 1100-1700 lbs. 21.00-24.00, few 800-1000 lbs. 18.00-20.00.

VEALERS: Choice 34.00-39.00, Good 25.00-34.00, Standard 20.00-25.00, Utility 14.00-20.00.

FEEDERS: Around 1,000 at Thursday auction. Feeder Steers rather uneven, weights under 500 lbs. steady to 2.00 higher. weights over 500 lbs. steady to weak. Heifers mostly steady, except fleshy heifers going to slaughter 1.00-2.00 higher.

STEERS: Package Choice 300 lbs. 26.50, Choice 400-500 lbs. 23.00-26.00, package 480 lbs. 27.25, 500-600 lbs. 24.00-27.50, 650-800 lbs. 25.50-27.25, 27 head lot 880 lbs. 28 25, Good 400-600 lbs. 18.00-22.50.



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Eastern Pa. & N. J.

Wednesday, Jan. 22

Prices continue unchanged on light type hens. Demand light for very limited offerings. Offerings of heavy type adequate for fair interest.

Prices paid at farm: light type hens 5-6, mostly 6 in PA; mostly 5-6 in NJ. Heavy type hens TFEWR.

Delmarva

Broiler-Fryer Market
Wednesday, Jan. 22

Ready to cook movement fair though generally unaggressive. Slaughter schedules often lighter than usual as light weights continue to be a problem. Today's less than trucklot asking prices held unchanged on both Plant and US Grade A. Advance interest no better than fair at lower prices. Live supplies barely adequate to short at lighter than desired weights in some quarters. Undertone unsettled.

Negotiated trucklot prices 2-3 lb. ready to cook broiler-fryers for delivery next week: US Grade A none; Plant Grade 41.

Current broiler-fryer negotiated prices for immediate delivery mostly multiple-drop shipments to New York City from Delmarva.

Range: US Grade A 43½-45; Plant Grade 43-43½; Premium US Grade A 47-50; Premium Plant Grade 45-48.

Wtd. Avg.: US Grade A 43.94; Plant Grade 43.01; Premium US Grade A 49.48; Premium Plant Grade 47.54.

New Holland Dairy Auction

Wednesday, January 22

Reported receipts of 101 cows, 19 bulls and no heifers. Market steady with last week.

Load of Pa. cows, fresh 510-800; load of Franklin County cows fresh 570-785 and springers 550-730; load of Vermonts cows, fresh 465-745. First calf heifers from Franklin county fresh 280-585.

Locally consigned cows 330-675; springing heifers 410-530; open heifers 215-370 and bulls 170-340.

TRY A CLASSIFIED

Philadelphia Eggs

Wednesday, Jan. 22

Prices unchanged to 1 cent higher on all sizes. Cartoning demand continues good despite major chains still closed with retail clerks strike. Offerings irregularly distributed but adequate on all sizes. Undertone fully steady to firm.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 68-71½; A Large 67-70½; A Medium 60½-63½.

Baltimore Eggs

Wednesday, Jan. 22

Prices are mostly unchanged but 1 cent higher in instances. Demand is slow. Supplies are ample.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Grade A Large 72-77, mostly 72-74; Grade A Medium 67-72, mostly 67-69.

Peoria Cattle

January 23

Weekly Summary.

CATTLE: Receipts this week 5600, compared to last week 5946 and to a year ago 5804.

Compared with last week's close, slaughter steers 1.50-2.50 lower. Slaughter heifers 2.00-2.50 lower. Cows 50-1.00 lower. Bulls steady. Receipts about 70 pct. slaughter steers, 15 pct. slaughter heifers and the balance mainly cows.

SLAUGHTER STEERS: Choice and Prime 1150-1300 lbs. yield grade 3-4, 35.50-37.00, late 35.50-36.50; couple loads 37.50. Load 1525 lbs. yield grade 4-5, 30.00. Choice 950-1300 lbs. yield grade 2-4, 34.00-37.00; late 34.00-36.00. Mixed Good and Choice 900-1300 lbs. 32.00-34.50. Good 29.00-32.00. Few Standard and Good Holsteins 28.00-30.00.

SLAUGHTER HEIFERS: Choice and Prime 900-1075 lbs. yield grade 3-4, 35.00-36.50; closed 35.00-35.50; couple loads 1000-1025 lbs. yield grade 4-5, 31.00-32.50. Choice 800-1000 lbs. yield grade 2-4, 33.50-35.00, up to 36.00 early. Mixed Good and Choice 750-1100 lbs. 31.00-33.50. Good 28.00-31.00. Standard and Good 25.00-28.00.

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NEW ENGLAND WEEKLY SHELL EGG REPORT

Tuesday, January 21, 1975

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	74-84	71-81	67-73	52-61
Mostly	75-77	72-74	68-70	53-55
NEW HAMP	72-77	69-74	65-70	50-55
Mostly	74-75	71-72	67-68	52-53
R. I.	75-77	72-74	67-70	55-58
VERMONT	76-83	71-80	67-75	
Mostly	76-80	71-78	67-73	
MAINE	76-78	73-75	69-71	54-56

+Includes Central & Western Sections Only.

New York Dressed Meats

January 23, 1975

Daily Distributive - less than carlot meat trade.

Compared with Wednesday: Choice Steer beef fully 50 cents lower; Good Steef beef $1.50 lower; Choice Heifer $1.00 lower; Calf weak to $2.00 lower; Veal weak to $3.00 lower; Lamb Generally weak; Pork Lions mostly $2.00 higher; Picnics 50 cents higher; Butts $2.00 lower; Spareribs $1.00 higher; Hams $1.00 to $2.00 higher.

Rail stock classes under pressure in view of declining prices and relatively poor demand for Beef, Veal, Calf and Lamb. At same time chain buyers active for fabricated boxed Beef available from local sources. Poor moderately active.

Steer Beef

Prime 600-900 lbs. $65.50-67.00; Choice 600-700 65.00-66.50, 700-800 64.50-65.50, 800-900 63.00-64.50; Good 500-800 60.00-61.00.

Heifer Beef

Choice 500-700 lbs. 62.00-63.00.

Calf (Skin Off)

Choice 150-350 lbs. 58.00-64.00; Good 150-350 48.00-54.00; Standard 150-350 44.00-47.00.

Veal (Skin Off)

Choice 90-150 lbs. 81.00-89.00; Good 60-90 70.00-76.00; Standard 60-120 60.00-65.00.

Lamb

Choice & Prime - 30-55 86.00-88.00, 55-65 84.00-86.00.

Choice Beef Cuts

Hinds (Steer) 145-190 lbs. 75.00-77.00; Arm Chucks 90-105 50.00-53.00; Ribs (7-Rib) 34-40 83.00-85.00; Loins (Trmd) 50-70 90.00-95.00; Rounds (Steer) 70-95 78.00-80.00; Full Plates 35.00-36.00 and Hinds (Heifer) 120-170 75.00-77.00.

Pork Cuts (Fresh)

Loins (Regular) 8-14 81.00-84.80, 14-17 79.00-82.00; Picnics (Regular) 4-8 47.50-50.50; Boston Butts 4-8 61.00-64.00; Spareribs 3 lbs. down 79.00-83.00; Hams (Skinned) 14-17 71.50-75.00, 17-20 69.50-71.00.

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Pa. Auction Summary

Week Ending
January 17, 1975

CATTLE 6041. Compared with 6429 head last week, and 6255 head a year ago. Compared with last week's market, slaughter steers mostly steady to 50c lower. Slaughter cows mostly steady. Slaughter bullocks steady to $1 lower. Slaughter bulls steady to $2 lower.

STEERS: High Choice & Prime 39.35-40.35, Choice 37.00-40.50, Good 32.00-36.50, Standard 27.75-32.50, Utility 21.00-27.25. HEIFERS: Choice 32.50-36.35, Good 28.00-33.75, Standard 23.00-27.25, Utility 17.75-23.50. COWS: Utility & High Dressing Cutter 18.00-21.00, Cutters 16.80-19.00, Canners 15.00-17.50, Shells down to 12.00. BULLOCKS: Few Choice 32.00-35.00, Good 37.00-32.85, Standard 23.60-27.75, Utility 20.50-24.50. BULLS: Yield Grade No. 1 1100-2000 lbs. 25.00-30.00; yield grade No. 2 900-1500 lbs. 21.00-26.00. FEEDER CATTLE: Good 300-800 lbs. feeder steers 22.75-28.50, Medium 17.00-25.00; Good 300-700 lbs. feeder heifers 19.75-25.50; Good & Choice 300-750 lbs. feeder bulls 23.00-26.25, Medium 16.50-24.00.

CALVES 3611. Compared with 4164 head last week, and 3744 head a year ago. Vealers uneven.

VEALERS: Few Prime 61.00-68.50, Choice 48.00-62.00, Good 39.00-55.00, Standard 28.00-44.00, Utility 90-120 lbs. 19.50-30.00, 70-85 lbs. 15.00-21.50. Farm calves, holstein bulls 90-120 lbs. 21.00-36.00.

HOGS 6813. Compared with 6818 head last week, and 6754 head a year ago. Barrows & Gilts steady to 50c higher.

BARROWS & GILTS: Few US No. 1-2 200-230 lbs. 42.00-43.10, No. 1-3 190-240 lbs. 40.50-42.25, No. 2-3 185-250 lbs. 39.50-41.25, No. 2-4 250-300 lbs. 37.60-39.75, No. 2-4 120-180 lbs. 30.00-39.50.

SOWS: US No. 1-3 300-550 lbs. 31.00-36.25, No. 2-3 300-650 lbs. 29.75-33.00. Boars 19.75-28.00.

FEEDER PIGS 1140. Compared with 1845 head last week, and 1197 head a year ago. US No. 1-3 20-35 lbs. feeder pigs 9.00-23.00 per head, No. 1-3 35-50 lbs. 14.00-24.00, No. 1-3 50-85 lbs. 18.50-30.50 per head.

SHEEP 403. Compared with 729 head last week, and 750 head a year ago. Wooled slaughter lambs $1 to $4 lower. Choice 70-110 lbs. wooled slaughter lambs 37.00-42.30, Good 60-100 lbs. 26.00-38.75, Utility 50-80 lbs. 23.00-31.00. Slaughter ewes 5.00-13.00.

Omaha Cattle

January 23, 1975

Weekly 51 - Cattle - Compared with last weeks close - Slaughter Steers 75-1.00 lower than late the previous week and Heifers 50-75 cents lower. Cows closed weak to 50 cents lower, bulls firm.

Four day receipts 22,900 as compared 19,200 previous week and 25,600 a year ago. Slaughter Steers approximately 37 percent, weeks total, Heifers 27 percent, large share both classes Good to Average-Choice and Mud quite prevalent. Cows 13 percent and Feeders for Thursday Bred Heifer and Cow sale and Friday feeder Auction approximately 20 percent.

STEERS: Several load Choice and Prime 1000-1206 lbs. yield grade 3-4 37.00 Monday. At Midweek, three loads same grade 1159-1215 lbs. yield grade 3-4 36.25-36.50 load 1226 lbs. 36.00 Thursday. Choice 950-1275 lbs. yield grade 2-4 closed 35.00-36.00, load 1400 lbs. yield grade 4 34.00 and load High-Choice and Prime 1440 lbs. yield grade 4-5 31.00 Tuesday. Mixed Good and Choice 950-1250 lbs. late 34.00-35.00. Good 30.50-34.00. Standard and low-Good Holsteins 28.00-30.00.

Average cost Slaughter Steers first three days 35.07 average weight 1115 lbs. as compared 36.38 and 1124 lbs. previous week and 47.84 and 1150 lbs a year ago.

HEIFERS: Early, three loads and part load Choice and Prime 906-1040 lbs. yield grade 3-4 36.35-36.50, several loads 36.00-36.25. Late, two loads and part load same grade 964-1050 lbs. yield grade 3-4 35.25-35.75. Choice 850-1050 lbs. yield grade 2-4 34.00-35.00. Mixed Good and Choice 750-1000 lbs. 32.75-34.00. Good 29.50-33.00. Small Lots Standard and Good 28.00-29.00.

COWS: Utility and Commercial 15.00-16.00, a few individuals 16.50. Canner and Cutter 11.00-15.25. Shelly Canner 9.00-10.50.

BULLS: Yield grade 1 & 2 1400-2000 lbs. 20.00-23.00, two individuals yield grade 1 24.00.

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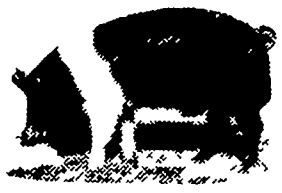

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Leesport Livestock Auction

Leesport, Pa.
January 22, 1975

CATTLE 227. Supply included 68 head feeder cattle. Compared with last Wednesday's market, slaughter steers 50 cents to $1 higher. Slaughter cows mostly steady. Few Choice slaughter steers 38.00-41.25, Good 33.25-37.50, Standard 28.60-33.00, couple Utility 23.00-24.25. Few Choice slaughter heifers 33.75-36.00, one at 41.10, couple Good 29.75 and 33.25, two Standard 24.00-24.25. Utility & High Dressing Cutter slaughter cows 18.50-20.85, one at 21.60, Cutters 17.00-18.60, Canners 15.35-16.85. Few Good slaughter bullocks 26.10-30.00, Standard 23.85-25.00. Two Yield Grade No. 1 1405 and 1415 lbs slaughter bulls 24.35 and 25.00. Good 300-750 lbs. feeder steers 24.50-30.00, one at 32.00, few Medium 400-800 lbs. 19.25-21.50; few Medium & Good 250-566 lbs. feeder heifers 19.00-22.00; Medium & Good 265-700 lbs. feeder bulls 20.00-26.00.

CALVES 128. Vealers mostly steady, spots $2 lower on Standard & Good. Few Choice vealers 50.00-52.00, Good 39.00-50.00, Standard 28.00-40.00, Utility 90-120 lbs. 18.00-28.00, 70-85 lbs. 15.00-18.00. Farm calves, holstein bulls 100-110 lbs. 24.00-37.00.

HOGS 161. Barrows & Gilts steady to 25 cents higher. US No. 1-3 195-240 lbs. barrows & gilts 41.75-42.10, No. 2-3 185-250 lbs. 41.25-41.60, one lot No. 2-4 280 lbs. 39.00, No. 2-4 150-180 lbs. 38.35-38.50. Few US No. 1-3 300-445 lbs. sows 32.00-35.50, few No. 2-3 300-620 lbs. 28.75-30.00. Boars 22.00-25.00, one at 28.00.

FEEDER PIGS 141. US No. 1-3 20-35 lbs. feeder pigs 16.00-24.00 per head, No. 1-3 35-50 lbs. 26.00-29.00, one lot No. 1-3 60-80 lbs. 32.00, few Utility 15-30 lbs. 11.00-16.00 per head.

SHEEP 3. Individual Choice 95 lbs. wooled slaughter lamb at 45.00, individual Good 85 lbs. at 32.00, one Utility 40 lbs. at 20.00.

Oklahoma City

January 23, 1975

Thursday Feeder Cattle Auction.

Estimated Receipts 6,000.

Same Day Last Week 8,686.

Slow, Feeder Cattle and Calves steady to 50 cents lower after opening 50 cents to 1.00 lower; majority receipts Mixed Good and Choice and Choice 400-850 lb. Steers and 400-650 lb. Heifers; fairly large attendance buyers with most interests proceeding with extreme caution.

FEEDER STEERS: Choice, few Prime 350-500 lb. 22.25-25.50; 500-800 lb. 24.25-25.90, part load 524 lb. at 23.30; 800-927 lb. 24.50-25.80; Mixed Good and Choice 350-500 lb. 20.25-22.25; 500-700 lb. 21.00-24.00; 700-900 lb. 22.75-24.00; Good 350-500 lb. 17.25-19.25; 500-960 lb. 19.00-22.00; Good 438-706 lb. Holstein Steers 12.00-15.00; few 781-928 lb. 15.50-19.50.

FEEDER HEIFERS: Choice, few Prime 350-500 lb. 18.00-22.00; 500-700 lb 19.25-22.00; Mixed Good and Choice 300-500 lb. 15.50-17.75; 500-660 lb. 16.50-18.00; Good 380-600 lb. 13.00-15.50.

For the Week: Compared to late last week, Feeder Cattle and Calves 2.50-3.50 lower; Slaughter cows in relative good demand and 75 cents to 1.00 higher; demand narrowed on the close for slaughter bulls and these were 1.00-2.00 lower. Salable receipts near 16,500 head compared to 18,842 last week and 17,486 the comparable period a year ago. Cows 17 percent cattle receipts, feeders 80 percent of the total

Computer Aids Horse Registry

AMARILLO, TX. - On file here are more than one million names, but unlike the Smiths and Joneses listed in a metropolitan phone book, no two are alike.

Because names are the main identifier of registered quarter horses, the American Quarter Horse Association here uses an IBM computer to help search its files when applications are received to assure a name hasn't been assigned already to another animal, living or dead.

Also stored in the computer's vast data base is extensive information about the pedigree, show and racing performance of 1.2 million quarter horses.

That information, now available instantly from computer files at IBM 3277 display terminals, is useful to inquirers who are planning to purchase a horse, or for breeding purposes.

The computer-assisted equine registry, larger than all others in the world combined, makes it possible for the association staff to provide answers to member's questions faster than ever before, according to Don Jones, executive secretary.

"With the system, we can now keep up with the nearly 250,000 registrations and transfers we process each year, as well as over 200,000 show and racing performance record entries," he added. "Previously, we had a backlog of several weeks."

Mr. Jones also pointed out that all the information about a particular horse can be relayed by telephone when association members and others request it. Headquarters personnel handling the calls sit in front of display terminals and retrieve desired data from computer files instantly.

The registration process begins when owners of quarter horse dams send in application forms after foaling. Besides indicating a suggested name and alternates, the owner lists the horse's color, sex, when and where foaling took place, as well as the registration numbers of the sire and dam.

Association employees enter all this data into an IBM System-370 Model 135.

"While this action establishes a file on the newly-registered horse, it also updates information on others," Mr. Jones said. "For example, the breeding record of the owner, sire and dam will be changed to reflect the new data."

The association also uses the computer to keep track of show and racing records earned by each registered quarter horse.

The AQHA racing department here obtains information on the official results at tracks around the country where quarter horses are entered. Last year, this involved almost 10,000 races and nearly 14,000 starters, and those numbers are increasing annually.

After entering the racing data in the computer, past performance charts are generated by the system with not only current data for use at tracks still having meetings, but monthly and annual charts as well.

Another way the computer is used is to check on all performance claims made when advertisements on quarter horses are submitted to the Quarter Horse Journal.

"That way, we can assure the ad claims coincide with the information in our system to make sure our readers are getting the correct data," Mr. Jones said.

Tomato Standards Amended

United States Standards for Grades of Fresh Tomatoes will be amended to include a reference to newly developed visual aids for color requirements, according to an announcement by the U.S. Department of Agriculture (USDA).

Officials of USDA's Agricultural Marketing Service (AMS) said that the new visual aid consists of a chart containing the color classification section of the grade standards and twelve color photographs illustrating shade and percentage of surface color for tomatoes described as green, breaker, turning, pink, light red, and red. The new visual aid is now available to members of the tomato industry.

Up to now official USDA photographs showing the color requirements of fresh tomatoes, have been available only to Federal and Federal-State inspectors for use in grading tomatoes.

Now fresh tomato shippers, wholesalers, and others can have official USDA visual aids too. The visuals aids depicting tomato color standards, developed by The John Henry Co., Lansing, Mich., in cooperation with the United Fresh Fruit and Vegetable Association and with USDA, are made available under USDA license.

The visual aids may be purcahsed from The John Henry Co., P.O. Box 1410, Lansing, Mich., 48904 for $4.00 per set. They are not available from USDA.

Copies of the visual aids may be examined in the offices of the Fruit and Vegetable Division, Agricultural Marketing Service, U.S. Department of Agriculture, South Building, Washington, D.C., 20250 or in any field office of the Fresh Fruit and Vegetable Grading Service.

AMS establishes grade standards for fruits and vegetables and administers a voluntary grading program on a fee-for-service basis.

The amendment to the grade standards is scheduled to be published in the Jan. 16 Federal Register.

xxx

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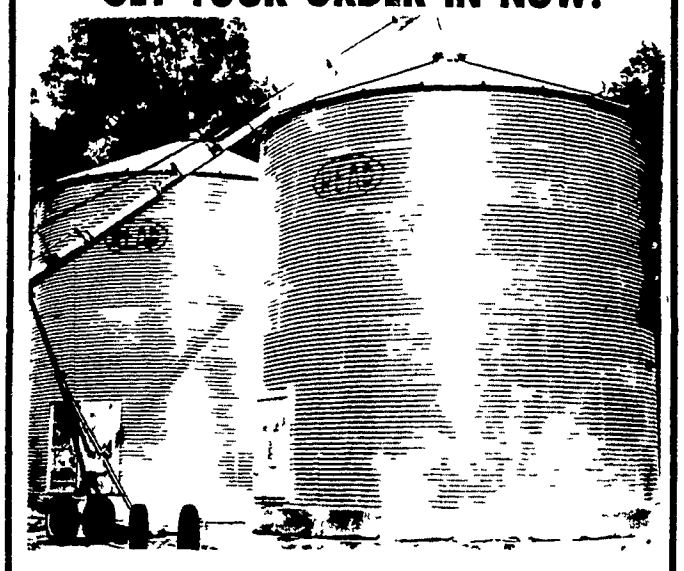

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Consumers Rate Food Industry

Consumers are generally satisfied with the food they buy and the stores where they buy it.

They said so in a recent nationwide survey. But when it came to the nitty gritty, the pollsters detected a strong undercurrent of frustration and displeasure with our food system.

The survey, taken in the spring of 1974, asked consumers how satisfied they were with: foods they buy, stores where they usually shop, product or shopping information, seven food product groups, and 31 individual food items.

Two of every three of the survely's 1,831 respondents said they are always or almost always satisfied with food products they buy for their households. Some 30 percent expressed reservatios, but only 4 percent claimed they are rarely or never satisifed.

An even larger share - 70 percent - reported they are just about always satisfied with food stores in general. This high level of consumer approval broke fairly evenly across regions and demographic groups.

But satisfaction with product and shopping information proved a different matter. Consumers were most unhappy with the "reliability and truthfulness" of advertising by food product manufacturers. More than a third said this kind of information seldom or never pleases them. They had fewer gripes about nutritional labeling and ingredient labeling. Still, only about half found such information to their liking.

In sharp contrast, a majority of shoppers endorsed the reliability and truthfulness of ads sponsored by individual food stores.

To determine average levels of consumer dissatisfaction, survey members developed a five-point scale: 1--always satisfied, 2-almost always satisfied, 3--sometimes satisfied, 4- rarely satisfied, and 5--never satisfied. The higher the score, the greater the dissatisfaction.

For example, consumers strongly doubted the reliability of food manufacturers' advertising, with over one-third saying they are rarely or never satisfied (average dissatisfaction score, over 3), but expressed general satisfaction with ads sponsored by food stores (score, over 2).

More than half of all survey participants claimed they are highly pleased with all seven major food product groups: meat and poultry, dairy products and eggs, bakery and cereal products, fresh fruits and vegetables, and prepared or convenience foods.

Even so, consumers were least happy with convenience products and most satisfied with dairy products and eggs. Bakery products and processed fruits and vegetables also rated favorably.

Past Grievances

Despite contentment with food products and marketing services in general, 70 percent of the shoppers said they'd been disappointed with certain foods or food stores during the past year.

But of those who found fault with a specific food item, only 7 percent actually complained to the manufacturer. This surprised pollsters, since an earlier survey revealed that consumers consider writing to manufacturers and talking with store managers the two most effective ways of settling differences.

Too, evidence suggests that most manufacturers are highly responsive to consumer grievances, and in most cases will grant refunds or replacements without requiring proof that a product is faulty.

Even fewer dissatisfied consumers - 3 percent - complained to public officials or consumer protection agencies. They were more likely to protest to food store management (50 percent) or participate in boycotts against manufacturers or food stores (12 percent).

Common outlet

But an overwhelming majority of dissatisfied customers simply complained to friends and relatives. The implication . . letters on file with food manufacturers and public officials don't begin to measure the extent of consumer unrest, according to the survey report.

Just over 40 percent of all survey participants had actively complained to manufacturers, store officials, and public agencies, or joined boycotts. The survey team arbitrarily termed this group "activists" and tried to determine how representative they are.

Several demographic crossbreaks of consumer "activists" yielded this profile: He or she is likely to: live in the Northeast; be under 55 years old; come from a household of more than two people; have college background; earn more than $15,000; live in the suburbs.

Other demographic checks showed that satisfaction with food products is significantly related to age, household size, race, community type, consumer activism, and to a lesser extent, occupation.

Age a factor.

The younger the shopper, the greater the discontent. And contrary to the popular notion that senior citizens complain the most, shoppers 55 and over proved the least vocal of any age group.

Consumers from large households tended to be more critical than those from smaller households. And non-whites were considerably less pleased with food purchased for their homes than were whites.

Dissatisfaction with foods varied with place of residence - rural people didn't complain as much as city dwellers. Also, levels of frustration were higher for activists than non-activists.

Various population groups also differed sharply in their assessments of convenience foods, fresh fruits, and fresh vegetables - the product groups with relatively high dissatisfaction ratings.

Price, of course, proved the chief gripe against all food groups and individual food items. People were most unhappy with the price of beef, pork, tomatoes, potatoes, and milk. At the time of the survey, these prices were near or at record levels and rising rapidly. In contrast, the tab for processed fruits and vegetables drew little criticism.

Except for price, specific sources of dissatisfaction varied from product to product.

Convenient, but

Of all convenience foods, skillet main dishes - packaged products added to meat to make stews, hashes, etc. - got the worst scores.

Frozen TV dinners also came under fire for price, taste, healthfulness, size of portions, and truthfulness of picture and label on the package. Toaster pastries and tarts were singled out for high price and lack of nourishment.

Tomatoes got the highest dissatisfaction rating of the 31 individual products in the survey. Consumers had bad things to say about price, ripeness, taste, and appearance.

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THE OLD FARMER'S ALMANAC

JAN. 27 - FEB. 2, 1975

Less nippy, a bit drippy.

Have you ordered your spring seeds yet? . . . Ghandi slain Jan. 30, 1948 . . . Full Wolf Moon, Jan. 27 . . . Groundhog Day, Feb. 2 (If clear, don't cheer) . . . Average length of days for the week 9 hours, 53 minutes . . . South African diamond mines discovered Jan. 27, 1905 . . . First jazz record cut Jan. 30, 1917 . . . Washington, D.C. was 73 degrees Jan. 28, 1949 . . . U.S. military draft ended Jan. 27, 1973 . . . Laws without penalties are like bells without clappers.

Old Farmer's Riddle: What could you call someone who tends sheep in Germany? (Answer below.)

Ask the Old Farmer: I had an old friend who often spoke of "hoss chestnut weather." I never asked him what it meant. Do you know? P. L., Long Beach, Calif.

Old-timers used to believe that if a man carried a hoss chestnut in his pocket it would stave off rheumatism. Our old grandfather would always grunt that "a man needed his hoss chestnut," if the weather got cold and damp.

Home Hints: An unbaked pie shell improves from storing a day or more in the refrigerator or in the freezing compartment *Riddle answer:* A German shepherd

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy and cold to start, then thaw; end of week cold again with 1-2" snow along coast and 1" in mountains.

Greater New York-New Jersey: Week begins cloudy and cold, then turning much warmer with showers; end of week partly clear and warm.

Middle Atlantic Coastal: Rain at first, then rain changing to snow; latter part cold with showers in north and warmer in south.

Southeast Coastal-Piedmont: Most of week rainy inland with snow and sleet on Piedmont; some clearing and warming by weekend.

Florida: Rain to start in north and southeast, then cloudy and cool; end of week cloudy and cool in north and sunny and mild in south.

Upstate & Western N.Y.-Toronto & Montreal: Week begins cloudy and mild, then rain; partly cloudy and milder latter part.

Greater Ohio Valley: Heavy rain at first, then clearing and cold; end of week partly sunny and warmer.

Deep South: Week begins clear and mild, then heavy rain in central and north; fair and warmer latter part.

Chicago & Southern Great Lakes: Early week warm and rainy, then very cold; end of week partly clear and warmer.

Northern Great Plains-Great Lakes: Most of week cold with intermittent light snow; temperatures extremely cold latter part.

Central Great Plains: Heavy rain in east and flurries in west to start, then cold snap; week ends clear and mild in east and south but cold with flurries elsewhere.

Texas-Oklahoma: First part of week showers and light snow in north, and hard thunderstorms in central and northeast; end of week clear and warm in central and north, and scattered showers in south.

Rocky Mountain Region: Early week partly cloudy and mild in central with light snow elsewhere; light snow continuing to end of week throughout region.

Southwest Desert: Heavy rain in west to start, then clearing and mild; week ends partly cloudy with scattered showers.

Pacific Northwest: Cloudy and cold at first, then heavy rain mixed with snow; cloudy and cold with light snow latter part.

California: Heavy rain in south to start, then cloudy and mild; latter part rainy then clearing in north but hard rain and possible floods in south.

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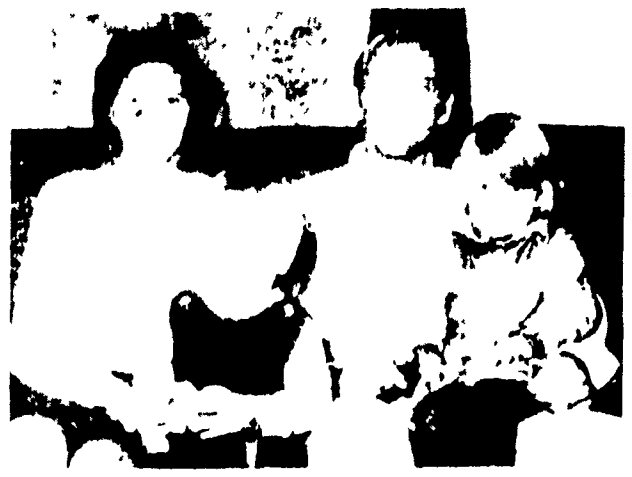
Berks Young Farmer Receives Jaycee Award



Paul Kurtz, Berks County, is shown with his wife, Maria, and their children. Kurtz was recently named as the Jaycee outstanding Young Farmer.

Paul Kurtz with wife, Marie, and two children will receive the Outstanding Young Farmer award from the Kutztown Jaycees on Jan. 25, 1975. This award was established by the U.S. Jaycee's in 1954 and has been co-sponsored by various companies throughout the years. This year it is Chevrolet Trucks and Kerr-McGee Corporation.

The OYF project is for farmers between the ages of 18 & 35 and its sole purpose is to build better urban-rural relations by increasing urban understanding of the farmer, his life, and his problems.

The Kutztown Jaycees try to do this, for it gives us a spotlight to focus public attention on agriculture.

Public understanding of the farmer is vital today. The modern farmer is removed from yesterday's plowman. Farming today is a complex, exacting, huge business. Today's farmer not only produces foodstuffs and the fibers needed by an expanding nation, but must keep his land alive, improve productions and conserve his natural resources.

For the farmer cannot purchase more raw materials when his is depleted and drained of life giving minerals. He must use, re-use, then use again and again the same land. There is no longer a frontier to which he may move, leaving the worn out and dead acres behind. He must covet his land. In it lies not only his life and livelihood, but the very life of his nation . . . and the world.

Paul is one of many farmers who realizes this, and because of his top notch management the Pa. State Jaycees have chosen him as one of the top 3 finalists in the state. Paul will receive his award at the State Board meeting Jan. 31 and Feb. 1 in Pittsburgh where the Ten Outstanding Young Men of the state are honored.

Paul has a farm consisting of 240 rented acres where he produces corn, hay, barley, and oats. This is used to feed his 52 Holstein milk cows and 40 heifers.

Paul uses DHIA records and Farm Management Business Analysis Service to maintain good management of his farm. Also he is involved with Interstate Dairy, where his milk is sent, as the secretary of the Kempton-local district. Paul belongs to the Oley Mennonite Church, Pa. Farmers Ass. and Holstein Fresian Ass. of Pa. and America.

Grassland FFA'ers Receive State Honors

Several members of the Grassland Chapter of FFA at Garden Spot High School were honored at the 46th Annual Mid-Winter Convention held in Harrisburg recently.

Eleven members received the Keystone Farming Degrees, the largest number to receive the awards in the Chapter's history.

Four proficiency awards were given to Grassland members. They included Lynn Groff - Ag Processing; Mike Martin - Poultry Production. Two second place awards were received by Mike Hartman in recreation and Art Horst in ag processing.

The Chapter also received a gold medal in the BOAC contest which represents Building Our American Communities. The award is given on the basis of improvement or community service.

Two sets of parents from the area received recognition for having three or more sons as Keystone Farmer recipients. They were Mr. and Mrs. John Weaver and Mr. and Mrs. David Musser.

xxx

The Red Corss is a voluntary organization, with 1,594,020 volunteers serving in the nation's communities, 6,153,200 students participating in Red Cross programs in schools, 3,114,743 volunteer blood donors, and 36,464,592 Americans who contribute funds to its support.

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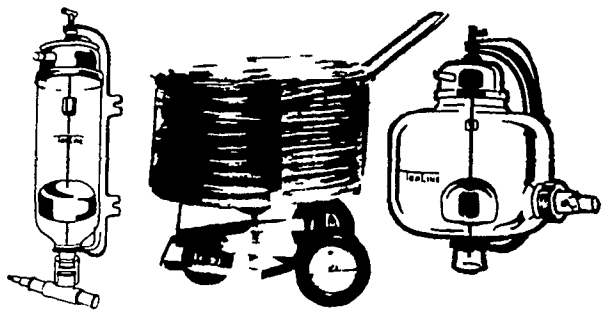

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Chester County's Avid

(Continued From Page 1)

and awards to prove her outstanding ability.

Working with horses, doesn't mean just riding in competitions however, as there is quite a lot of work involved in training and caring for the animals. Patti has trained most of her horses herself and also does the clipping, braiding, and grooming. In fact, Patti's talents in working with horses has been so recognized that she has traveled with other individuals to competitions in Canada and New York with the specific job of grooming the animals for show.

Since Patti is now 21, she will be helping out as a leader for several horse clubs in the Chester County area this summer. Along with her jobs will be the leadership duties of the Gum Tree Pony club as well as being a judge for several horse shows. She has also been an instructor for horse club camps in the area.

Patti is rated as a B rider, an accomplishment which allows her to instruct other individuals. Her fine talents and persistence would surely allow her an A rating however, Patti turned 18 before she could apply for the rating.

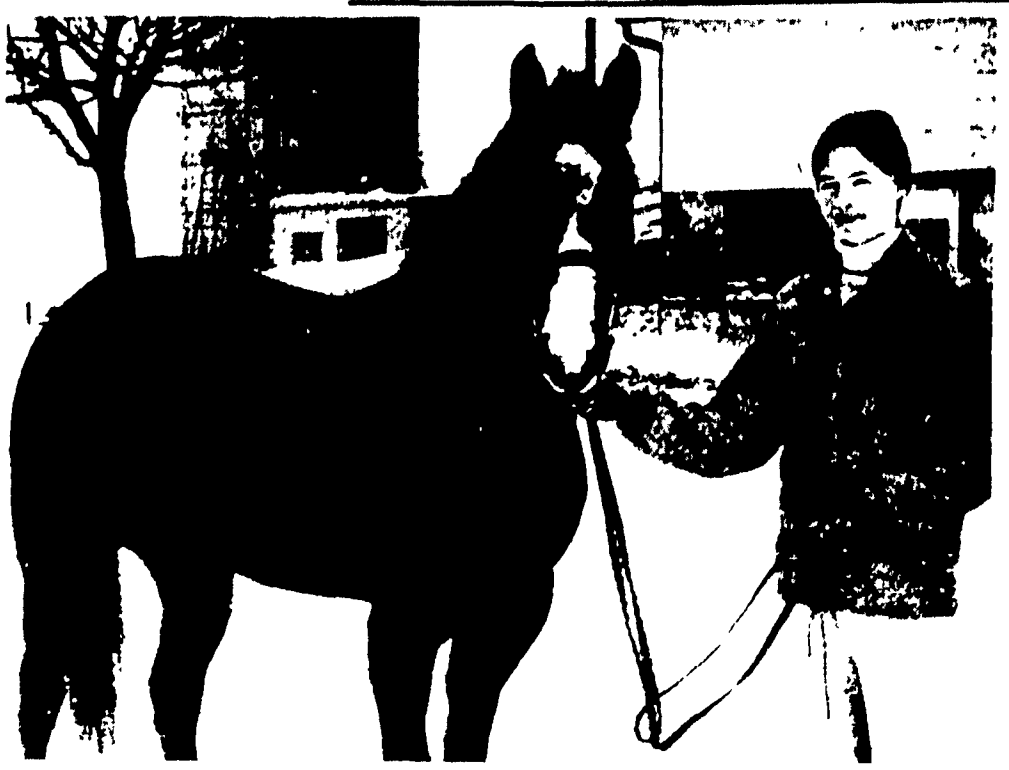
How did she learn about horses and riding? Patti explained the situation in this manner.

"I have always loved animals and took a liking to horses when I was young."

"I have worked for stable owners and farmers part time and also worked at a polo club."

Patti's experience is well known as she is often asked by neighbors and friends to exercise and ride their animals.

Not all her awards have been for horse competitions however, as Patti has also been active in the Manor 4-H Dairy Club and as a 4-H seamstress.



Sugar and Spice is one of Patti's favorite animals, as she trained the pony herself.

Patti has won numerous awards for showing her dairy animals and has been champion fitter and showman in many competitions.

She also took time enough from her outside work with animals to learn how to sew, for which she has received many awards not only in 4-H but also in Grange competitions.

A dress revue winner several years in the running, Patti was also an award winner in the Grange sewing competions for regional and state honors.

As a 4-Her, Patti's accomplishments led her to attend several functions that included State Capitol Days, Leadership Congress, State 4-H Days as well as several leadership clinics.

Patti was also a winner in the PAFC competition and attended the clinic at Shippensburg College on cooperatives and their functions. She was a nominee for the State PAFC Queen also.

As a student at Oxford High School, Patti was a member of the hockey team, the FFA and Future Nurses Club and was a member of the Russellville Grange Drill Team.

An energetic young lady, Patti admits that she loves working outdoors and being with animals.

Following her graduation, Patti attended a horsemanship school in West Virginia. As she wanted a job that would keep her outside and busy, Patti accepted a position as a DHIA milk tester for Chester County.

The job certainly keeps her busy as Patti must collect, weigh and label samples of milk for DHIA records. The hours are varied and Patti admits that some weeks it feels as if she is working for 8 days instead of 7. The job also requires a great deal of traveling as she must visit various farms throughout the county.

Is all that work really worth the effort? Well Patti thinks so.

"It isn't an easy job, but I like being outside and busy," she explained.

Patti says she is interested in the job and plans to stick with it as long as she can. In her spare time however, Patti will continue her favorite past time - fox hunting with horses in the Chester County area.

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Or better still, visit your friend in the fertilizer business. Your Royster dealer. He'll help you make a good fertilizer investment. Because he knows when you put good things into your land, you expect good things back.

Royster Company

Farm Commentary

by Dick Wanner

McHale's Math Questioned

An item in this column last week about Pennsylvania Secretary of Agriculture James A. McHale aroused the ire of Donald Hershey, Manheim, president of the Lancaster County Farmers Association. In essence, what McHale said was that it is possible to butcher a yield grade 3 steer, sell the top cuts at normal retail prices, then pay consumers 10-cents a pound to haul away the hamburger. And still make a profit.

"Ridiculous!" said Hershey. "No retailer is making so much money that he can afford to pay people to haul away hamburger. And farmers can't butcher and sell directly from their farms because it's against the law.

"McHale doesn't like the retailers, but they've got to make a profit, too. And we need them. They not only move our product, but they buy it for their own tables, too. I wonder if McHale has ever stopped to think about all the people who'd be unemployed if you took away everyone who helps move farm products from the farm to the table."

We take it, we said to Don, that you aren't a Jim McHale fan. "I think Jim McHale is doing the farmer more harm than good," he replied. "And I hope you quote me."

The PIAA's Big Bounce

This is the year that Pennsylvania Farm Show Director Wellington Smith said he was going to scale down the deficits that have historically been a part of the financial picture for the aging complex. That was the reason visitors to this year's Farm Show paid a dollar for parking.

The dollar fee, though, was to be collected all year at events scheduled for the Farm Show facility - like the Keystone International Livestock Show, the Dairy Show, Horse Show, and the PIAA state basketball and wrestling championships

"Foul!" roared the powers that be at PIAA, and they withdrew to other arenas. Penn State will see the wrestling championships this year, and some colleges may share in the basketball action, which could also be staged in Hershey.

What impact will this have on the Farm Show budget, we wondered, so we talked to Wellington Smith on Thursday. "I'm going to miss watching the basketball games," Smith said, "but other than that I'm not really too sorry to see them go. I understand they've been wanting to move out of the Farm Show anyway, and the parking fee just gave them an excuse

"Actually, they were only paying about half the rental fee we charge other groups. Last year, they paid us $16,000 for 43 days here, and by the time we figured everything in, we probably lost money. This year it's going to be worse because everything has gone up. Coal, for example, went from $14 to $50 a ton. Paid parking would have helped us a lot to make up for the deficits we incur from some of these charitable groups.

"And, you know, so far the only complaints I've heard about the parking fee have come from the groups that aren't paying their way."

Smith said he did have one complaint about the way the PIAA officials ended their agreement with the Farm Show. "If they had let me know a little earlier that they weren't coming back, I could have lined up some other events. The state could have had some income from those days they cancelled out of. Now the buildings will just stand empty. But we'll try to get some business next year to replace the PIAA crowd."

Sim Hangs It Up - After 43 Years

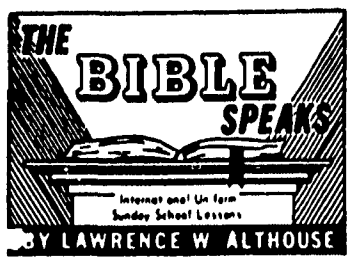
We weren't able to make the annual meeting this year of the Mt. Joy Farmer's Cooperative, but we want to say congratulations and best wishes to Sim Horton for the job he's been doing as the coop's general manager for many years. Sim called and said he's going to be retiring after 43 years on the job. In next week's issue, we hope to share a few of Sim's observations about the changes he's seen over nearly half a century as a milk marketer.

Polishing the Farmers' Image

Lebanon County farmers took some positive steps this week to combat some of the bad publicity springing from Midwestern NFO members who slaughtered their calves and buried them The scene at area meat markets was not nearly as dramatic as the wire-service photos of weeks past, like the one of that cigar-chomping Nebraskan holding his pistol to a calf's head. And the wire services were noticably among the missing as some 70 Lebanon County dairy farmers took their calves to butcher shops and donated them to be used as food for hungry people.

While their action didn't make a big splash in other than local news media, we can't help feeling that the Lebanon County farmers who donated their calves helped at least to reaffirm the good opinion most of our local citizenry has of the farm folk who live among them

The farmers know, too, that their calves are going into empty bellies, not a hole in the ground. No matter what kind of ledger you use, that has to be worth a lot more than publicity.



CHRIST POWER

Lesson for January 26, 1975

Background Scripture: Acts 2:22-41; Romans 1:14-17; 1 Corinthians 2:1-5; Ephesians 1:1 through 2:10.
Devotional Reading: Psalms 106:1-10.

We live in a world preoccupied with securing and exercising power of all kinds. There is economic power - for example, the power currently exerted by the oil-rich nations. There is military power - the United States and the Soviet Union being the two prime examples. There is nuclear power - the question of how we will use it nagging us constantly. There is political power - in our midst the constant struggle for it by parties and politicians.

We also speak of "love power," "black power," "senior power," and many other kinds as well. None of these by themselves are either good or evil. Power is necessary in our world. What makes the difference is the motive behind the exercise or power. Accordingly, power can be either constructive and destructive.

The eyes of your hearts enlightened

The difference, says the writer of Ephesians, is Christ-power. Unlike so much of the power exercised by man, Christ-power is persuasive, not coercive. With Christ-power as the motivation, atomic energy can be used for the benefit of mankind instead of his destruction. With Christ-power politics, economics, minority causes all can be beneficial to mankind.

What makes this Christ-power so different?

The writer of Ephesians tells us, for one thing, that Christ-power begins with enlightenment. The man with Christ-power sees life differently. So, the writer of Ephesians prays that "the Father of glory, may give you a spirit of wisdom and of revelation in the knowledge of him, having the eyes of your hearts enlightened . . " (Ephesians 1:17, 18.)

One reason that man lives so impotently is that he fails to realize what life is all about. Jesus referred to this when he spoke of people who "see but do not see and hear but do not hear." How we look at life and the world in which we live makes a big difference in how we operate in that world. Knowledge is power.

The greatness of his power

For one thing, when we are enlightened by God we understand what true power is. We come to realize that brute force and violence are very limited forms of power. Nowhere was this better demonstrated for us than in the example of Jesus Christ. Not only was his power vindicated in that he was raised from the dead, but also in that he was exalted and given dominion over all sources of power: " . . . according to the working of his great might which he accomplished in Christ when he raised him from the dea d and made him sit at his right hand in the heavenly places, far above all rule and authority and power and dominion . . ." (1:19-21).

Equally important as Christ's own resurrection from the dead is what his power is able to do to and for us. By that power we are recreated and given new life that is imperishable: "But God who is rich in mercy . . . even when we were dead through our trespasses, made us alive together with Christ . . . and raised us up with him . . . " (1:4-6).

All other power must be controlled and shaped by the power of Jesus Christ. With Christ-power all forces can be sued for the good and welfare of men. Too often we have had to witness the terrible consequences of the world's energies that have not known the redeeming force of Christ-power.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Protect Shrubs And Trees

Recent snow cover for several days at a time could result in rabbits and mice feeding upon the bark of young trees and shrubs. This often happens during long periods of winter when the snow remains on the ground. The wrapping of these trees with hardware cloth, or aluminum foil, or fencing them off to keep out the rabbits. Some chemical sprays are available to discourage rodents but frequent applications are needed. Some protection to young or small trees or shrubs is needed, if snow cover continues. When the bark is eaten from the plant to more than half of the circumference, serious, serious damage will result.

To Check Barn Ventilation

Cold weather with barns full of livestock could mean some ventilation problems. This is often true with enclosed stall-type dairy barns. When there is condensation of the walls or ceilings, it is a sure sign of additional ventilation needed; or more insulation. Electric exhaust fans are commonly used to pull out the foul air and remove the problem. Efficient milk production or weight gains are not likely if the barn is too warm or too tight. Open barns such as free-stall dairy barns will have little trouble with ventilation providing they are constructed properly. A Special Circular on Dairy Barn ventilation is available.

To Do Farm Planning

It's not to early to be making decisions on what crops are to be grown this summer. The spring season is approaching rapidly and supply orders need to be placed very soon. Good farm records will help guide the direction of the production effort and make it possible to know which enterprises are the best for each farmer. With the favorable price of most feed grains it is easy for livestock and dairy farmers to overlook the place of quality forage crops in the feeding program. Good hay and silage continue to be cheaper sources of feed nutrients for most farm animals. Planning should include these lower-cost sources of nutrients.

To Handle Livestock Wastes Properly

Manure continues to be a very good source of fertilizer elements and all livestock and poultry producers are urged to recognize this fact. With the mounting cost of most fertilizers, and especially nitrogen, manure merits water-tight storage pits, and application to the fields at a time when the run-off will be a minimum. Figures are available to give the average fertilizer values of various farm manures and these sources need to be included in planning the fertilizer program. Some kinds of poultry manure may run as high as 90 pounds of nitrogen per ton, therefore it is necessary to limit the application amount per acre. Good manure storage and handling is very much in order so that fertilizer purchases may be kept to a minimum.

Calendar

Tuesday, January 28

7:45 p.m. Class 2 of Ephrata Area Farmers Dairy Calf Management meeting at the Ephrata High School ag classroom.

9:30 a.m. - Beef Cattle Feeders Day at the Lancaster Farm and Home Center.

Thursday, January 30

7:30 p.m. - Elizabethtown Young Farmers Hog Production meeting at the Elizabethtown Ag Classroom.

Saturday, February 1

6:45 p.m. - Ephrata Area Young Farmer's Banquet at the Mt. Airy Fire Hall. For more information contact Charles Ackley.

Pa. Yorkshire Swine Association Show and Sale at the Farm Show Arena.

Monday, February 3

Manheim Young Farmers Soil Conservation program at Manheim High School.

Tuesday, February 4

9:00 a.m. - Dairy Conference at the Guernsey Pavilion.

7:45 p.m. - Ephrata Area Farmer Dairy Cattle Management meeting at the Ephrata High School.

Wednesday, February 5

9:30 a.m. - 3:00 p.m. - Dairymen Milking School at the Farm and Home Center. Registration required.

Friday, February 7

Computer Workshop for Cattle feeders at the Lancaster Farm and Center.

6:45 p.m. - Garden Spot Young Farmers annual Banquet at the Blue Ball Fire Hall.

Beef Cow Size An Important Factor

In describing the value or productivity of commercial beef cows, "good" and "big" are not necessarily the same thing, according to L. L. Wilson, Professor of Animal Science, The Pennsylvania State University. The beef cattle industry went through a phase several years ago of selecting smaller types of cattle. However, over the past eight to ten years, there has been a reversed tendency, with commercial and purebred beef cattlemen selecting to increase the size of beef cows.

According to Wilson, some of the increased mature cow size, at both the commercial and purebred levels, is necessary to increase further net productivity. However, even within the same breed, bigger cows are not necessarily always more profitable.

The main reason for concern in having cows which are too large, is that larger cows do require more feed energy just to maintain their own bodies. This "maintenance" energy is used to provide for normal daily activity, and to replace body tissues. The amount of feed energy required for maintenance is not directly proportional to the size of the cow. For instance a 1600-pound cow requires 42 percent more feed energy to maintain her body than does a 1000-pound cow. Therefore, in order for the 1600-pound cow to be truly more profitable for the commercial cow-calf producer, she must wean a calf 42 percent heavier at weaning time.

Research at Penn State and at other universities indicates that cattle which have higher mature weights also tend to have a more rapid growth rate up to one year of age.

K. A. Barber, research assistant working with Wilson, says "If herd sires and replacement dams can be selected for heavy mature weights, improvement in preyearling growth will also result. However, more rapid increases in growth rate can be made by selecting on yearling weight."

The Penn State research also indicates that cow weight alone is not highly related with calf weaning weight or calf post-weaning performance, within the same type or breed of cows. Cow body measurements, such as body length, height, width, and depth when combined are more predictive of calf weight. Wilson also indicated that many crossbreeding programs can be used which keep the body size of cows at moderate levels, with additional needed growth rate and carcass meatiness brought in by using large breeds of bulls.

xxx

If you're expecting a new baby in the family, the Red Cross can help you learn how to prepare for the event - what to expect during the first year and how to diaper and bathe the baby. Call your local Red Cross chapter and sign up for the expectant parents course.

Seed Handbook Ready

The first reference book on seeds of U.S. trees and shrubs issued by the federal government in more than a quarter century was released recently by the U.S. Department of Agriculture.

"Seeds of Woody Plants in the United States," Agriculture Handbook No. 450, is the culmination of five years of effort by more than 100 scientists at Forest Service research laboratories and special project locations throughout the U.S. It is a compilation of practical facts about the seeds of some 800 species of trees and shrubs–how to gather, how to store and protect, how, where and when to plant and what to expect. The new 883-page handbook is a completely rewritten and greatly expanded successor to USDA's 1948 "Woody-Plant Seed Manual." It was issued to answer numerous requests from people who, professionally or avocationally, deal with seeds of trees or shrubs in planting and seeding programs.

Helping Forest Service scientists prepare the new handbook were about 100 cooperators and consultants form universities, seed testing laboratories, seed companies, State forestry agencies and other agencies such as Soil Conservation Service, Agricultural Research Service, Tennessee Valley Authority, and the Interior Department's Fish and Wildlife Service.

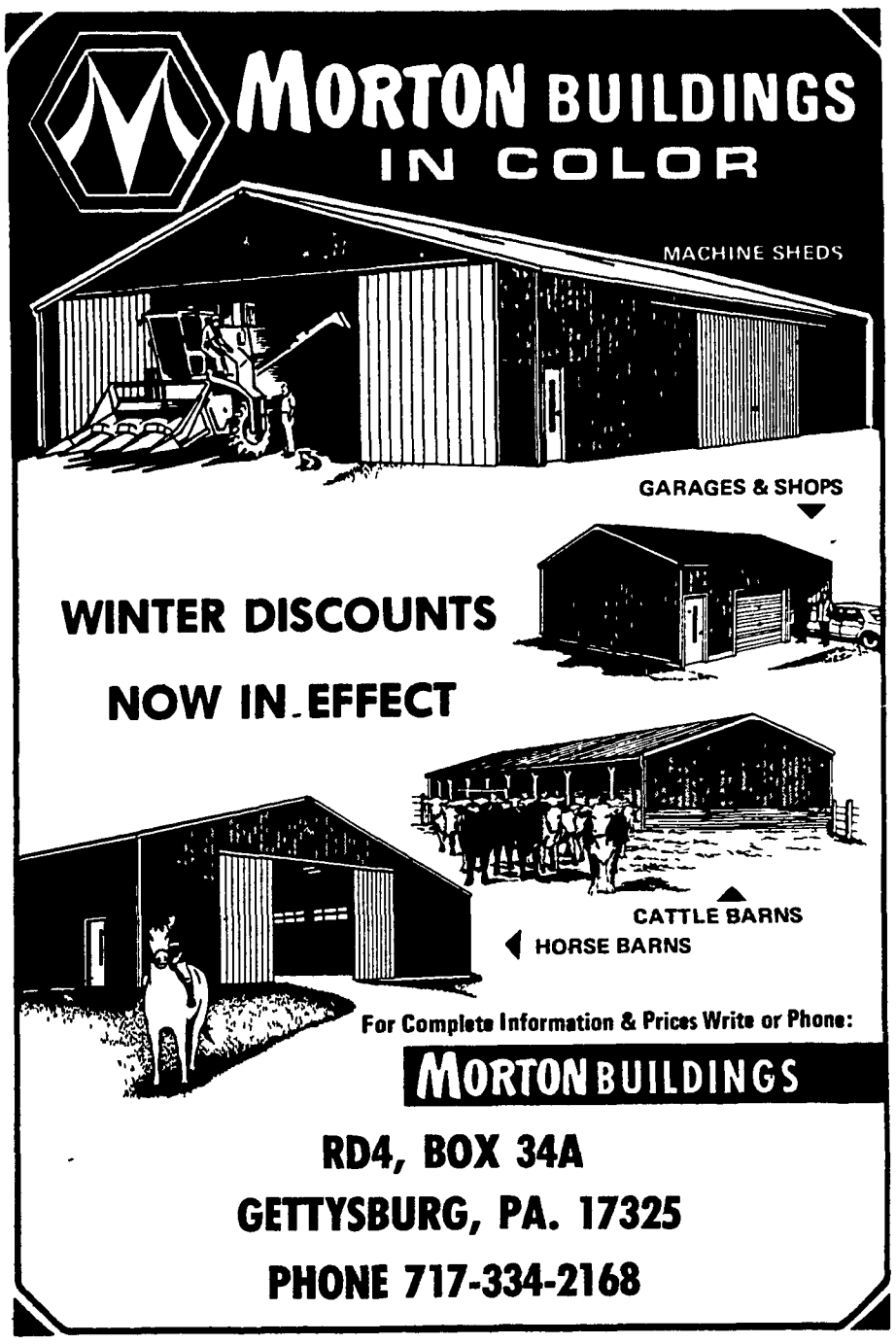
The Handbook contains two sections. The first gives general methods for producing, handling and germinating seeds. The second provides data and information on species, alphabetically listed by genus units, giving scientific and common names, flowering and fruiting dates, methods of fruit collection, seed extraction, storage and other data useful for grower and marketer.

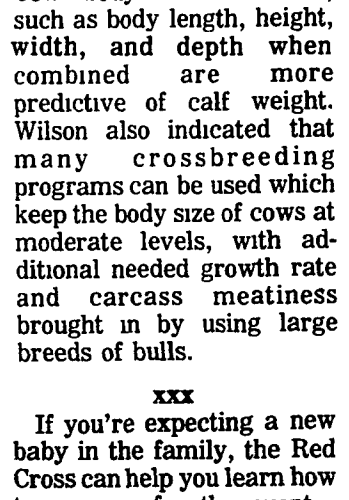
The volume includes a collection of drawings and photographs for checking the identification of fruits, seeds or seedlings.

"Seeds of Woody Plants in the United States" (Agriculture Handbook No. 450) is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The price is $13.60.

Editor's Quote Book

Do your duty and leave the rest to heave
—Pierre Cornielle

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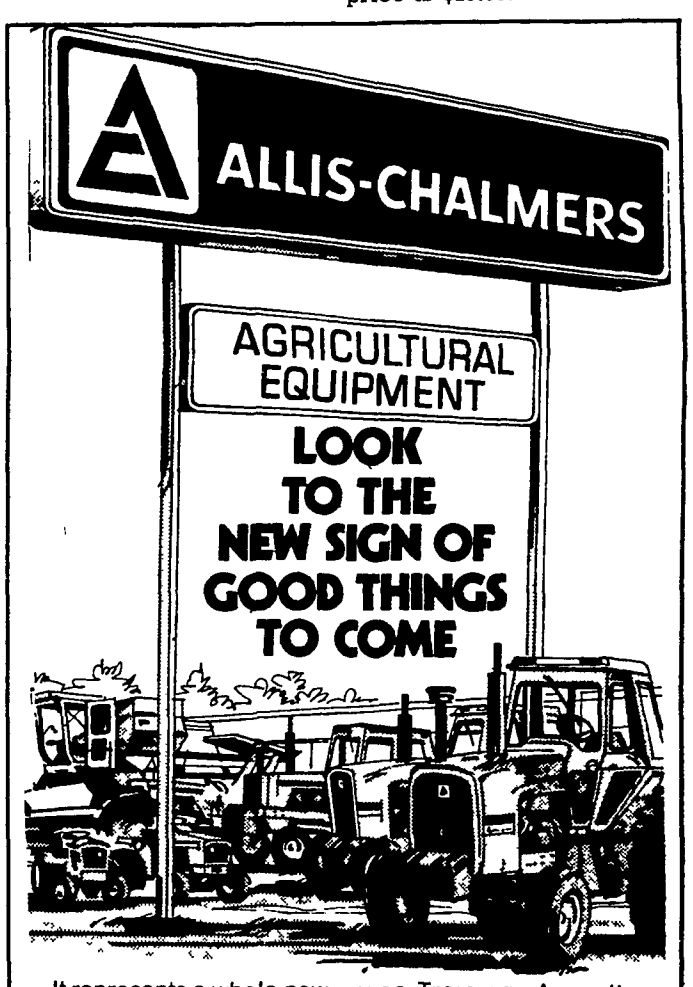

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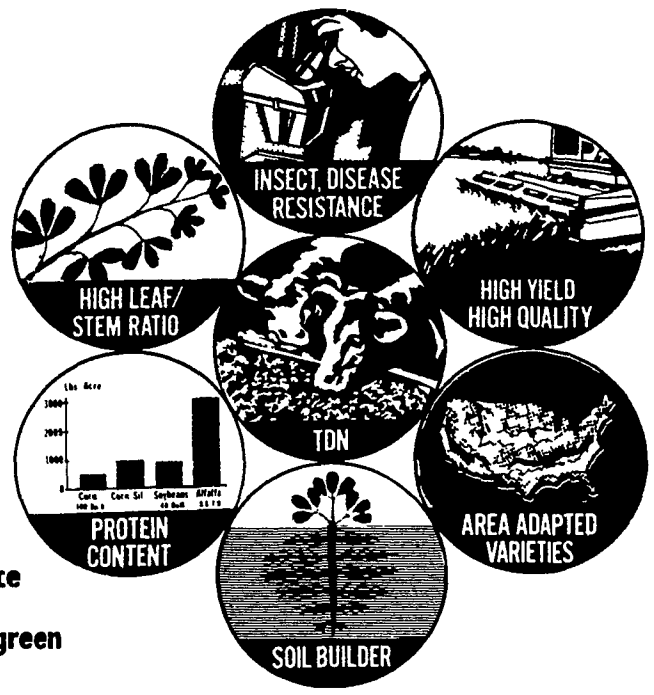

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LANCASTER COUNTY DHIA MONTHLY REPORT

DECEMBER 1974

A Holstein cow owned by Maurice F. Welk, RD2, Quarryville, completed the highest 305 day lactation. Dora produced 21,050 lbs. of milk, 962 lbs. of butterfat with a 4.6 percent test. Second high lactation was completed by a Registered Holstein cow owned by Paul B. Zimmerman, RD1, Ephrata. Belle produced 22,240 lbs. of milk, 931 lbs. of butterfat with a 4.2 percent test in 305 days.

The herd of J. Z. Nolt, RD1, Leola, has the highest daily butterfat average. This herd of 35.2 Registered Holstein cows averaged 58.8 lbs. of milk, 2.23 lbs. of butterfat with a 3.8 percent test. The herd of Paul B. Zimmerman, RD1, Ephrata, placed second. This herd of 35.2 Registered & Grade Holstein cows averaged 51.1 lbs. of milk, 2.13 lbs. of butterfat with a 4.2 percent test.

FIRST 305 DAYS OF LACTATION
WITH 680 OR MORE LBS. OF BUTTERFAT

OWNER COW'S NAME	BREED	AGE	DAYS	MILK	TEST	FAT
Maurice F. Welk						
Dora	GrH	5-2	305	21,050	4.6	962
Daisy	RH	7-5	305	21,303	3.5	744
Ester	GrH	4-3	305	16,183	4.3	701
Paul B. Zimmerman						
Belle	RH	7-3	305	22,240	4.2	931
J. Mowery Frey						
Dottie	RH	7-1	305	18,695	4.9	909
Emily	RH	7-0	287	16,814	4.5	753
Jacob S. Dienner						
Cruth	RH	5-9	305	22,534	3.9	880
J. Mowery Frey Jr.						
Matilda	RH	7-3	305	22,289	3.9	875
Rochele	RH	8-10	305	19,973	4.1	822
Willis M. Martin						
Bets	RH	8-4	305	20,711	4.2	868
Amos & Eleanor Hershey						
Rosebud	RH	5-4	305	18,439	4.7	863
Jay E. Landis						
Kingpin	RH	8-4	305	19,835	4.3	848
Lancaster Mennonite Hospital						
Unellie	RH	3-2	305	23,926	3.5	845
Trive	GrH	4-5	305	18,148	4.3	785
Selma	RH	5-2	305	18,560	4.0	740
Tarcel	RH	4-6	305	17,566	3.9	681
Earl E. Martin						
Julie	RH	5-3	305	18,350	4.6	838
Kate	RH	5-4	305	17,624	4.2	733
Samuel F. King						
May	GrH	6-3	291	18,445	4.5	836
J. Earl Horst						
Archie	RH	9-1	305	25,039	3.3	833
King	RH	4-3	305	20,736	3.5	732
John U. Stoltzfus						
Linda	RH	4-0	305	19,350	4.3	831
Lloyd H. Ranck						
47 Palm	RH	5-5	305	20,370	4.1	828
54 Pat	RH	4-3	305	21,492	3.7	800
65 Mona	RH	3-9	300	18,111	4.3	787
Elam P. Bollinger						
Phebe	RH	8-0	305	20,589	4.0	814
Price	RH	6-11	305	18,188	4.2	756
Dorothy	RH	4-1	305	18,437	3.8	695
Jingle	RH	6-7	304	19,198	3.6	693
John A. Harsh						
Kris	GrH	8-3	305	16,655	4.9	810
Astrid	RH	4-10	299	17,417	4.0	692
John M. Smucker						
Bea	RH	5-7	305	17,895	4.5	808
Melvin H. Ranck						
Lola	RH	5-7	305	22,450	3.6	798
Peggy	GrH	12-1	305	19,122	3.9	742
Harry L. Troop						
Bunny	RH	7-4	305	19,523	4.1	797
Gail	RH	6-3	305	18,510	3.7	689
Robert W. Ulrich & Son						
44	GrJ	4-7	305	13,873	5.7	769
Angie	GrJ	6-4	305	12,305	5.6	683
Lily	GrJ	5-8	288	10,926	6.2	681
J. Z. Nolt						
Kate	RH	7-2	305	22,199	3.6	794
Connie	RH	4-11	289	20,478	3.7	748
Arlo	RH	9-2	305	19,222	3.6	699
Misty	RH	3-6	305	19,666	3.5	680
Donald S. Eby						
Prudenc	RH	4-4	305	16,209	4.9	789
Maudela	RH	5-3	305	18,276	4.0	725
Tiny	RH	13-2	305	16,674	4.3	710
Homer G. Hess						
Connie	RH	4-2	305	20,637	3.8	786
Daniel L. Martin						
Eleanor	RH	5-6	305	17,492	4.5	785
Jay C. Garber						
KJDarta	RH	3-2	305	20,691	3.8	783
Ho	RH	6-2	286	18,877	3.9	727
Liestsy	RH	2-3	305	17,742	4.0	705
Jylee	RH	4-1	305	16,747	4.2	702
H. Richard Hershey						
Jennie	RH	11-8	305	18,503	4.2	783
Nelson E. Martin						
Laddie	RH	4-2	305	18,518	4.2	781
S. E. Shellenberger						
Cecelia	GrH	4-4	305	23,479	3.3	780
Henry E. Kettering						
Edna	RH	6-1	301	19,117	4.1	778
Lea	RH	5-0	305	19,012	4.0	751
Robert Kauffman Jr.						
Speedy	RH	3-10	305	19,117	4.1	777
John B. Stoltzfus						
Eve	GrH	4-3	305	18,869	4.1	776
Clyde W. Martin						
Theda	RH	5-2	305	21,163	3.7	775
Leon S. Lapp						
Beulah	RH	9-2	273	19,183	4.0	773
Earl Smoker						
Pearl	RH	6-2	305	19,476	3.9	763
Elam J. Stoltzfus						
Jewel	RH	7-5	293	20,324	3.7	757
Ammon E. Reiff						
Polly	RH	6-1	305	21,588	3.5	751
J. Floyd Kreider						
Alta	RH	5-7	305	21,654	3.5	748
C. Nevin Hershey						
Jean	RH	4-5	277	16,853	4.4	747
Polly	RH	7-2	305	17,504	4.2	736
Ezra M. Martin						
Felicia	RH	7-3	305	20,474	3.6	742
Edgefield Farms						
Lorrine	RH	7-3	305	20,332	3.6	738
Irene H. Sauder						
Pin	RH	4-4	305	20,157	3.7	737
Warren F. Bollinger						
62	RH	7-3	305	19,818	3.7	737
Conewago View Farms						
Josie	RH	5-9	305	20,471	3.6	736
Robert E. Landis						
Cindy	RH	6-4	305	16,934	4.3	735
John M. Harnish						
Patricia	RH	5-2	305	20,577	3.6	734
Ellen	RH	4-2	305	21,754	3.2	687
Harry S. Aungst						
Jaye	RH	9-10	305	17,756	4.1	733
Betty	RH	4-5	305	14,951	4.7	702
Marvin L. Weaver						
37	GrH	5-4	299	20,171	3.6	731
Lassie	RH	5-11	305	17,190	4.0	680
Paul H. Rohrer						
45	GrH	5-3	302	18,311	4.0	731
Ronald S. Kline						
488	RH	7-6	281	19,811	3.7	729
J. Rohrer Witmer						
Della	GrH	5-3	305	19,384	3.8	729
Melvin L. Fisher						
Mickey	GrH	3-9	305	17,111	4.3	729
Paul H. Hursh						
68	GrH	4-11	305	21,502	3.4	725
Paul S. Horning						
Bonnie	GrH	4-6	305	20,765	3.5	724
Allan R. Shoemaker						
Maud	RH	8-2	305	20,709	3.5	724
John L. Landis						
82	GrH	3-4	305	17,442	4.2	724
64	GrH	4-3	305	18,787	3.8	706
Babs 48	RH	4-1	305	16,796	4.2	698
Sun 10	RH	5-2	305	15,882	4.3	687
Harold & Don Risser						
Ellen	RH	4-2	305	16,581	4.4	723
Furry H. Frey						
Milly	RH	3-3	305	20,319	3.6	722
Abraham Shelly Jr.						
Stubby	GrH	4-11	305	19,853	3.6	722
Joseph Eshleman						
Robin	RH	4-2	305	18,126	4.0	721
Dolly	GrH	4-0	305	16,057	4.4	701
Isaac E. Hostetter						
Judy	RH	4-6	305	20,475	3.5	720
J. Harold Musser & Son						
46	GrH	4-2	305	17,329	4.2	720
Lori 21	GrH	7-3	305	19,920	3.6	715
Jonas S. Nolt						
3	RH	4-1	305	18,182	4.0	719
Irvin B. Weaver						
32	GrH	6-8	281	16,822	4.3	719
Melvin R. Eby						
Elouise	RH	4-5	305	21,100	3.4	718
Sherry	RH	5-10	305	15,821	4.5	705
Masonic Homes Farms						
Rrebecc	RA	7-2	305	16,248	4.4	718
J. Ray Ranck						
Jingle	GrH	4-1	305	17,810	4.0	717
Clyde M. Buchen						
164 Moll	RH	6-1	305	16,356	4.4	717
144 Tess	RH	6-0	305	17,732	3.9	693
Sam & Allen Kreider						
Molly	GrH	9-1	305	20,012	3.6	714
Robert L. Shelly						
Bubbles	RH	7-6	305	16,822	4.2	714
Carl L. Martin						
Lynette	RH	7-0	302	18,713	3.8	713
Edwin J. Landis						
Opal	RH	5-7	305	25,672	2.8	712
Ivan Zook						
55	RH	6-6	305	15,118	4.7	711
Earl N. Landis						
Brenda	RH	5-11	305	16,257	4.4	710
Jay L. Ranck						
Joy	RH	3-4	305	16,891	4.2	709
James D. Shertzer						
Susie	RH	4-2	305	20,233	3.5	708
Christian Zook						
Jane	GrH	5-1	305	17,744	4.0	708
Thomas C. Lapp						
Margaret	RH	4-9	305	20,381	3.5	707
J. Robert Kindig						
Bonnie	RH	6-5	305	20,315	3.5	707
David L. Landis						
Diane	RH	5-6	305	18,490	3.8	706
Raymond M. Weaver						
24	RH	7-6	305	19,466	3.6	705
John N. Shirk						
Trissy	RH	7-4	299	20,888	3.4	704
Raymond & Louise Witmer						
Or Glo	RG	4-10	305	14,253	4.9	704
Allen Lee Stoltzfus						
Shirley	RH	5-6	305	19,366	3.6	702
Elvin Hess Jr.						
Lisa	RH	9-5	305	18,165	3.9	701
E. Richard Bruckhart						
Lark	RH	4-10	305	18,761	3.7	700

[Continued on Page 13]

FACTS FOR DAIRYMEN

by N. Alan Bair
Assistant County Agricultural Agent

Night Watchmen for Heat Detection

Ask a group of dairymen what their major production problem is and generally the answer will be "getting cows bred". With a little more questioning you will find that the major breeding problem is "catching" the cows in heat. If this fits your situation, possibly what you need is a night watchman for heat detection.

Many dairymen with free-stall systems have reported that they "catch" more cows in heat during late evening than at any other time of day. They make it a regular practice to spend several minutes just before bedtime observing their cows. If you are having trouble convincing yourself on a cold winter evening that this is a worthwhile practice, there is now some research to justify this bedtime observation.

In the research study mentioned above, it was found that 45 percent of all heat activity occurred between midnight and 6 a.m. Another 22 percent occurred between 6 p.m. and midnight. This leaves only 33 percent of all activity to be seen between 6 a.m. and 6 p.m. - when most observations for heat are made. It's easy to see how heats are missed, especially the short or weak heats.

Obviously it is not practical to observe your herd of cows constantly, but there are some important things you should be doing to improve heat detection: You should not attempt heat observation when the cows are eating, being milked, or otherwise disturbed; periods of observation should be scheduled at approximately equal intervals throughout the day to avoid missing the short heats; allow at least 10 mintues for each observation period; complete heat records are valuable in predicting when a cow is likely to come in heat; and yes, those late evening observations are desirable and pay off.

Profit Planning For 1975

Farm profits in 1975 are not expected to be much better than 1974. In fact, if present trends continue, profits could be less than 1974. Fred Hughes, Farm Management Specialist, recently reminded us that good farm managers will need to do some planning and pay more attention to details if profit levels are to be maintained. The specific areas dairymen should look at in more detail are:

Feed - Be sure you are feeding a least cost grain ration. Compare feed grains on their feeding value. Also watch carefully the amount of grain fed. Give the high producers the lions share of the grain. Those cows producing under 30 pounds can get by with little more than good quality forage. Control the wasting of feed by rodents, faulty equipment, and overfeeding.

Borrowed money - Keep your costs down by watching interest rates. Use a minimum of high interest dealer credit. Pay off short term debts as fast as possible but don't pay your low interest mortgage any faster than needed.

Machinery - All machine costs account for 20-35 percent of total farm costs. Keep the costs down by making necessary repairs now to reduce costly down time and improve machine efficiency. Buy the machine to fit the job. Treat machinery like the high priced breakable item it is.

Fertilizer, Seed, Sprays - Use some caution in using these high priced items. Don't over fertilize - know your soils capabilities. Store and use these supplies so none is wasted. Use only the recommended amounts.

Crop Programs - In view of high feed costs every acre of land should be farmed to get maximum net returns. Use careful planning. To dairymen the high cost of protein makes alfalfa a very valuable crop.

Fuel Costs - Fuel saving steps are always in order. Tune-up tractors and other vehicles to increase fuel efficiency. Reduce the number of trips necessary with some careful planning.

Labor - Hired labor will continue to cost more. Reconsider chore routes, bad habits and labor-saving equipment to reduce labor needs.

Knock out herd health problems before the weigh in...

* TRAMISOL in feed knocks out four major lung and intestinal worms

* AUREO SP 250 fights disease, rhinitis, scours and cervical abscesses

A healthier animal weighs in heavier everytime

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STA-RITE Milking Equipment

Deiter Linde, Oxford, R.D.1, has been a Sta-Rite owner for over 3 years He says the Sta-Rite's gentle pulsation has helped keep a leucocyte count under 300,000

Mr. Linde also said — "I like Sta-Rite's visible claw because it lets me see the milk flow from each teat and my milkers are easy to clean"

Deiter Linde had the highest record Guernsey herd in Lancaster County DHIA for the past 2 years.

See these men for expert help in designing a milking system to fit your operation.

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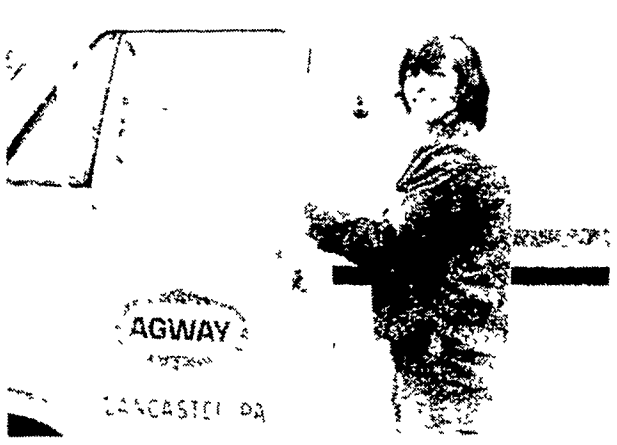
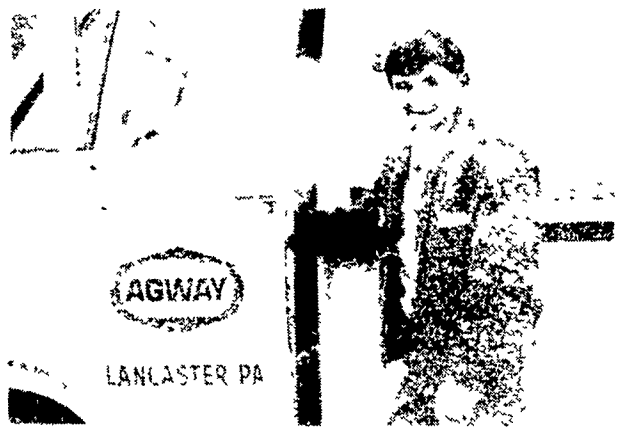
PHONE (717) 397-4761 — 24 hours a day.



MIKE DREIBELBIS



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★ USED SURGE PAIL MILKERS
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★ STEEL & ALUMINUM ROOFING & SIDING
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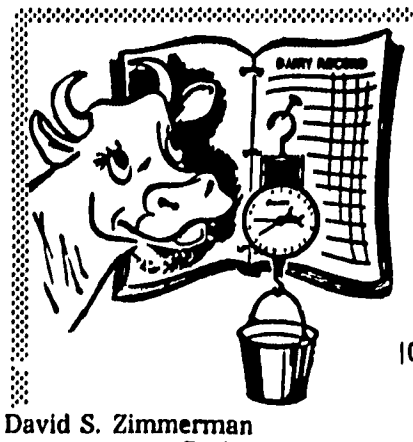


DHIA MONTHLY REPORT

(Continued from Page 12)

David S. Zimmerman						
27	GrH	7-3	305	16,565	4.2	700
Amos E. King Jr.						
Supreme	RH	10-6	305	16,670	4 2	699
Dan S. Stoltzfus						
Carol	RH	5-11	279	17,510	4.0	697
James Martin						
Alice	RA	4-5	305	15,570	4.5	696
Dr. Paul S. Schantz						
Pansy	GrH	3-4	305	19,226	3.6	693
K. D. & Else Linde						
Monglow	RG	9-7	305	15,652	4.4	692
Robert & Joyce Wagner						
Bopeep	RG	5-2	305	13,454	5.0	691
Reuben L. Stoltzfus						
Polly	GrH	6-6	305	17,495	3.9	690
Eli L. Stoltzfus						
Hazel	RH	7-2	305	16,574	4.2	690
Jonathan B. Lantz						
Flicia	RH	3-9	305	18,655	3.7	688
David W. Sweigart						
93	GrH	6-3	305	16,207	4.2	688
Dr. James D. Cox						
79	RH	6-6	305	18,356	3.7	685
Stephen J. Stoltzfus						
Charm	RH	7-1	305	19,572	3.5	684
Milton M. Brubaker						
Pricila	RA	5-10	305	16,563	4.1	683
Nathan E. Stoltzfus						
Snoball	RH	7-0	305	16,442	4.1	680
John U. Glick						
Rene	GrH	4-8	305	15,863	4.3	680

HIGH DAILY BUTTERFAT AVERAGES

OWNER BREED	DAYS ON TEST	NO. COWS	% COWS DAYS IN MILK	MILK LBS.	% FAT	FAT LBS.
J. Z. Nolt						
RH	33	35.2	84.3	58.8	3.8	2.23
Paul B. Zimmerman						
R&GrH	24	35.2	88.9	51.1	4.2	2.13
Earl N. Landis						
R&GrH	32	50.5	88.7	54.0	3.9	2.09
J. Rohrer Witmer						
R&GrH	33	7.8	102.0	52.5	3.9	2.07
Curtis E. Akers						
R&GrH	30	56.0	87.9	51.3	4.0	2.07
Clyde W. Martin						
R&GrH	28	93.1	90.6	51.6	3.9	2.01
Aaron E. Beiler						
RH	28	25.2	86.8	46.9	4.3	2.00
Rufus G. Martin						
RH	32	28.4	90.4	55.0	3.6	1.99
Leon S. Lapp						
R&GrH	32	34.2	91.7	50.8	3.9	1.99
Lloyd H. Ranck						
RH	27	48.9	87.3	48.9	3.9	1.91
R. Edwin Harnish						
R&GrH	32	39.8	87.8	45.3	4.2	1.89
Kreider & Trimble						
R&GrH	30	50.7	95.1	52.1	3.6	1.88
Henry F. Zeiset						
R&GrH	29	39.2	89.8	49.6	3.8	1.88+
Abner K. Glick						
RH	27	30.0	92.7	48.0	3.9	1.88
Harold G. Shelly						
Mix	31	43.6	89.5	47.2	4.0	1.87

+Alternate A.M.-P.M. Test.

Although weather conditions have somewhat hampered the final touches to the Stanford Seed Warehouse on Muddy Creek Road, Denver, the tentative opening is scheduled for Feb. 15th.

Stanford Seed Co. To Open Warehouse

Stanford Seed Company will soon be opening a new warehouse - distribution center in the Lancaster area.

The warehouse, which is located on Muddy Creek Rd., Denver R1, will feature a full line of farm and garden seeds along with bird feed seeds.

Although a main interest of the center will be to distribute the material to dealers in the area, Don Tuttle, warehouse manager explained that services will also be available to the individual person.

Farmers and dealers will have an opportunity to view the seeds and their products in test plots that have been plated near the warehouse site. Along with the other test plots, samples of the various turf grass seeds have also been planted for inspection of buyers who want to know just what their final product will look like.

Along with the Stanford Seed product, the Northrup-King Corn company will be maintaining an office at the warehouse site. They will have an agronomist stationed at the center to provide information on the seeds and planting procedures.

Although regular seed products will be available, customers will also have the ability to request and obtain custom mixed pasture and lawn seed. A delivery service will also be available.

The warehouse will be open Monday through Friday from 7:30 a.m. to 4:30 p.m. with a tentative opening scheduled for February 15th.

The Stanford facilities will be available to dealers and individuals in the Southeastern Pa. region as well as the Delmarva Peninsula area.

PSU Dairy Bulletin In Best Seller

Thoroughness of subject matter and high quality color illustrations are gaining an international reputation for a Penn State bulletin entitled "Gross Genital Abnormalities," according to officials of the Agricultural Experiment Station at The Pennsylvania State University.

The bulletin summarizes research with subfertile dairy heifers. Directing the studies were Dr. Tsuneo Y. Tanabe and Dr. John O. Almquist, dairy physiologists at Penn State. They found that genital abnormalities account for 10 to 20 percent of the failures of dairy heifers to conceive after four or more breedings.

The bulletin features 24 color plates showing various genital abnormalities. Cooperating on the project at Penn State were the departments of dairy science, bacteriology, and veterinary science.

Since it was published in 1967, requests for "Gross Genital Abnormalities" have come to Penn State from many parts of the world. It summarizes the incidence, type, and severity of gross abnormalities of the reproductive system among 180 subfertile dairy heifers which had failed to conceive upon repeated breedings. The heifers appeared essentially normal upon clinical examination.

The publication is available for $3.00 plus 18 cent's state sales tax from Box 6000, The Pennsylvania State University, University Park, Pa., 16802. Make checks or money orders payable to The Pennsylvania State University.

In addition to the Penn State findings, "Gross Genital Abnormalities in Dairy Heifers" reviews most of the research reports dealing with reproductive abnormalities in dairy cattle in the United States and foreign countries since 1924.

Fire Destroys Chicken House

A $100,000 fire destroyed a chicken house in Hatville, east of Intercourse, early Tuesday morning after a propane gas-operated heater malfunctioned.

The blaze, which broke out at 12:45 a.m., killed 22,000 chickens owned by Lloyd J. Stoltzfus, Hatville.

According to State Police Fire Marshal Robert Haycock, the fire resulted from a malfunctioning heating unit. Twelve units were on each floor of the two-story chicken house. It measured 40 by 200 feet.

Haycock said the fire was fed by the gas and dust from chicken feed. Both, he said, are highly flammable.

Bitter cold weather also affected the fire fighting, Intercourse Fire Chief A. Nelson Brackbill said. According to Brackbill, it was the coldest fire fighting situation in his 14 years as chief.

No firemen were injured either directly by the fire or from the cold, but some were sent home when they became soaked.

Some lines and pumps froze as soon as they were shut down. Water had to be trucked in by Intercourse, Bird-in-Hand, Gordonville, Paradise, White Horse, Ronks, Gap and Lafayette fire companies.

The interior of the cement and brick building was destroyed, the chief said. It sits about 50 feet behind the Stoltzfus home.

Brackbill said the building is believed to be insured.

Firemen ate sandwiches prepared by the women's auxiliaries of the fire companies.

Hunting, Trapping Seasons are Ending

Seasons for the hunting and trapping of most game and fur-bearing species will be ending in Pennsylvania this Saturday, January 18, the Game Commission reminds sportsmen.

The winter small game season, which has been open statewide for grouse, squirrels and cottontail rabbits, ends Saturday at sunset. The winter season for pheasant hunting, which has been open only in the northern section of Pennsylvania, also ends at sunset of Saturday, January 18.

Archery deer hunting, which has been open statewide, also concludes on January 18 at sunset.

Bank Reports Income

The First National Bank of Strasburg reported net income for 1974 of $519,889 or $2.08 per share up over 31 percent over 1973's earnings of $396,096 or $1.58 per share (adjusted to account for stock split and sale).

During 1974 the Bank completed a four for one stock split and the sale of 50,000 additional shares of stock. This action increased the number of shares outstanding from 50,000 to 250,000.

Dividends for the year totaled 80 cents per share up from 75 cents per share (adjusted to account for stock split) paid in 1973.

xxx

Don't swim alone, warns the American Red Cross. Swim in supervised areas and with someone who is capable of giving you an assist if trouble develops.

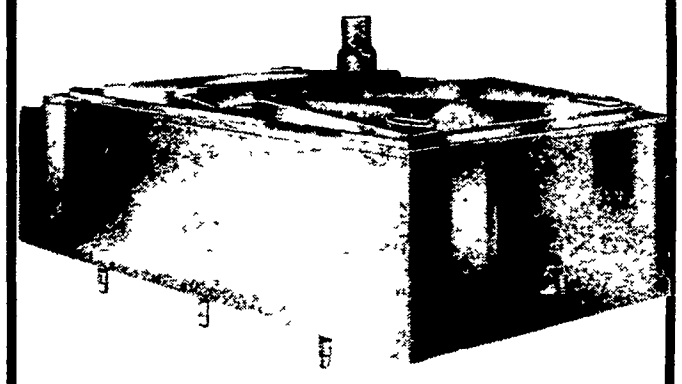
SPECIAL OF THE WEEK

2000 WATT WINDCO

BELT DRIVEN ALTERNATOR 115 Volt - 18 RPM $275.00

(1 YEAR WARRANTY)

DARI-KOOL® BULK MILK COOLERS



USED BULK MILK TANKS

For Diesel or Electric Installation.

1 - 600 Mojonnier with tank washer. 5 h.p. Lehigh compressor with 2 unicons. Very clean.
2 - 500 Esco. $1000.00 each
2 - D2 - 400 Girtons $1200.00 each
1 - 400 gal. Mueller vacuum tank - 3 h.p. compressor and tank washer
1 - 300 gal. Mojonnier vacuum tank. 3 h.p. compressor like new.
1 - 400 gal. Sunset $600.00. Very clean.
1 - D4 - 500 Girton used 1 yr.

ALL TANKS GUARANTEED

1 - used Sputnik
1 - DeLaval pipeline milking system (used)
1 Surge pipeline milking system (used) for 38 cows.
4 Sta Rite claw units complete

WE ARE INTERESTED IN BUYING GOOD USED BULK TANKS GIVE US A CALL

FOR BULK MILK TANK SERVICE CALL COLLECT

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1966 G.M.C. PICKUP $575.00
New Rear End
Good Rubber — Good Condition

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Heavy Duty — Less Bed
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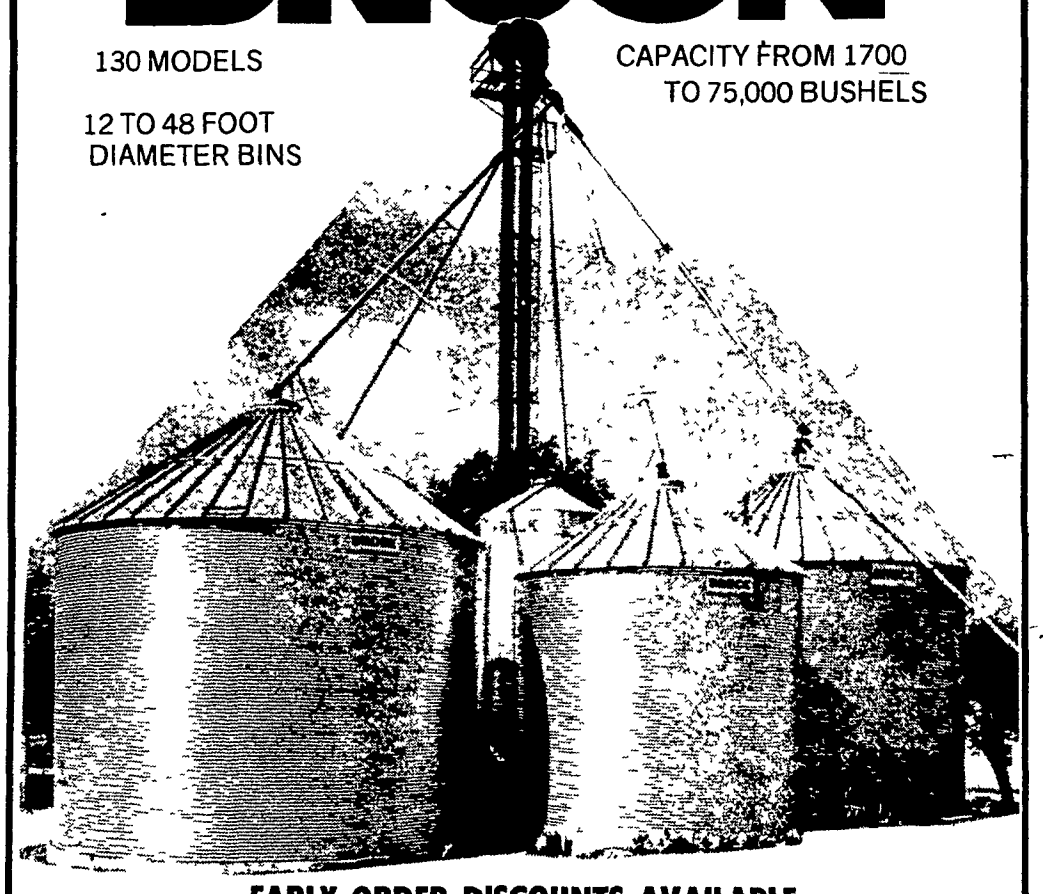
BROCK® GRAIN BINS

130 MODELS

12 TO 48 FOOT DIAMETER BINS

CAPACITY FROM 1700 TO 75,000 BUSHELS



EARLY ORDER DISCOUNTS AVAILABLE

MOST BINS AND EQUIPMENT IN STOCK

WE SELL, SERVICE AND INSTALL

E. M. HERR EQUIPMENT, INC.

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Farm and Home Foundation Holds 11th Annual Meeting

A record attendance of over 150 people were present for the 11th Annual Lancaster Farm and Home Foundation meeting held Thursday evening at the Farm and Home Center, Arcadia Rd., Lancaster.

During the business meeting, reports were given by Mrs. Evelyn Hess, secretary; George Lewis, treasurer; Howard Campbell, business manager and Phares Risser, for the nominating committee.

M. M. Smith, County Agent and Chairman of the Foundation's scholarship committee reported that 10 youths from the Lancaster area has been awarded $400 scholarships for the 1974-75 year and were enrolled in either agricultural or home economics majors.

Seven new directors were elected for the 1975 year and included: Robert Bucher, Dr. Robert Eshelman, Mrs. Evelyn Hess, Robert Kauffman, George Lewis, Melvin Stoltzfus and Noah Kreider.

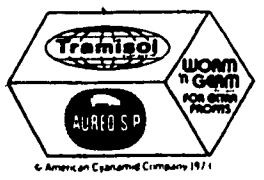
Calvin D. Johnson, Special Consultant on Public Affairs for Sperry New Holland, was the keynote speaker for the evening's program. Special music was provided by Mrs. Mary Hawk.

Lancaster County's Farm and Home Center was the first of its kind in the state, housing many agricultural as well as urban services. The Center has been of use to many organizations for banquets, meetings and receptions since it opened in 1968.

Howard Campbell, business manager for the Center, explained that during the 1974 year nearly 70,000 people had passed through the Center's doors attending some 984 meetings.

Stevens Feed Mill, Inc.

offers hog farmers in Lancaster county a new program to help keep your hogs "insides clean"



*Knock out worms with TRAMISOL, the wormer that gets the four major species of worms in the intestines, and lungs.

*Maintain healthy hogs with feeds containing AUREO S·P 250. Improves weight gains and feed efficiency by helping to prevent scours, rhinitis and cervical abscesses

This year help keep your hogs "inside clean" with TRAMISOL and AUREO S·P 250.

Call us today for more information about our

WORM 'N GERM program using

- Stevens Pig Grower JJ 250
- Stevens Hog Grower
- Stevens Hog Finisher
- Stevens Worming Feed

STEVENS FEED MILL, INC.

Stevens, Pa. Ph: 215-267-2150
or 717-733-2153

Tractor Clubs

Young people between the ages of 8 to 19 who wish to learn more about tractor maintenance are invited to join the Lancaster 4-H Tractor clubs that will be organizing soon.

A series of seven or eight meetings will feature demonstrations, films, trouble shooting and actual work on machinery. Safe operation will be stressed.

Two clubs are being organized, so attend the club nearest your home. Meetings to be held are as follows:

Central Club: January 28th at 7:30 p.m. at Landis Bros. Farm Equipment Service Shop on the Manheim Pike. Leaders are Christ Brubaker and Richard Bonholtzer.

Northern Club: January 27th at 7:30 p.m. at Farmersville Equipment Company in Farmersville. Leaders are John Zimmerman, David Zimmerman and Charles Hackman.

Dairy Conference Slated

The 10th Annual Southeastern Dairy Conference has been announced by the co-sponsors for Tuesday, February 4, 1975, beginning at 9:30 a.m. All are invited to the Guernsey Sales Barn, located on U.S. Route 30 East of Lancaster, Pennsylvania for this increasingly popular event. It will be co-sponsored by Curtiss Breeding Service; John W. Eshelman & Sons; New Holland Supply Company; and Pennsylvania Power and Light Company.

In the past dairymen from more than six counties have gathered at this important function to hear timely speakers from all phases of the dairy business and dairy industry.

An informative program is being planned with popular speakers. Door prizes will be awarded and lunch will be served.

Holstein Club Meets

The Lancaster County Junior Holstein Club held its quarterly meeting recently in the Farm and Home Center.

President Greg Landis gave a short report on the convention and then discussed the jacket sale. The bylaws drawn-up by the board of directors were then discussed voted on and accepted. The calf raffle project was also discussed and it was decided to hold the calf raffle this summer sometime between the months of July and September. Mike Nolan, fieldman for the Holstein Association then commented and the meeting was adjourned.

The next meeting will be held on April 17 at 8:00 p.m. in the Farm and Home Center.

The Pennsylvania Junior Holstein Association is selling nylon windbreaker jackets. These are the same jackets that were on display at the Farm Show earlier this month. The jackets have the Pennsylvania Registered Holstein emblem on the front and come in navy blue and black colors. The sizes are small, medium, large and extra large. The prices are $15.00 for pyle lined and $12.50 for cotton lined. Anyone who wishes to order a jacket should contact Gary Akers, RD1, Quarryville, Pa. 17566, 786-2531.

Jane Alexander Will Address Ephrata Young Farmer Meeting

Pennsylvania's Deputy Secretary of Agriculture, Jane Alexander, will be the guest speaker at the annual dinner meeting of the Ephrata Area Young and Adult Farmer Association next Saturday night, February 1. The meeting will be held at the Mt. Airy Fire Hall, beginning at 6:45 p.m.

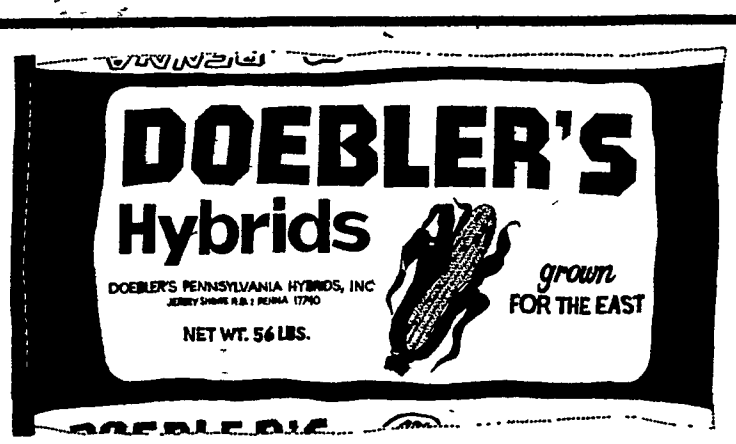
Mrs. Alexander's talk is entitled, "Rural Pennsylvania Ain't What It Used to Be". Another visitor from Harrisburg will be James Fink, supervisor of the Pennsylvania ag ed program. Fink will install the association's new officers for the coming year.

The group will also hear from Barry Wissler, president of Cloister Chapter FFA, Paul King, a Chester County dairy farmer and regional vice-president of the Pennsylvania Young Farmers Association, as well as a number of the club officers.

* * * * *

Thanking a salesperson after a purchase often results in more pleasant service to others.

* * * * *



YES, DOEBLER'S HYBRID SEED CORN FOR SPRING PLANTING

DOES GERMINATE 90% to 98%!!

If you are looking for high-germinating seed corn with fine physical quality, Doebler's Penna. Hybrids can still supply most hybrid varieties and sizes, AND IN 56-POUND BUSHELS, TOO!!

Luckily Doebler's were treated fairly well by Mother Nature this past season, having almost twice as much mid-season and late corns to sell as last year. These are the hybrids that have gained customers each year — the corns that are BRED AND GROWN FOR THE EAST. It will pay you to try Doebler's Penna. Hybrids in 1975. Doebler's realistic prices vary from $17.80 per bu. for double cross rounds to $36.80 for flats of the best single crosses.

LANCASTER COUNTY DEALERS

DANIEL BRUBAKER	EPHRATA
DANIEL ESH	PARADISE
NELSON HABECKER	LANCASTER
WILBUR W. KREIDER	LITITZ
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FULL SEASON HYBRIDS FOR PENNSYLVANIA'S SOUTHEAST

89X SINGLE CROSS - 125 DAYS

Has highest potential yield of any full season hybrid we have tested. 200 bu. yields are not unusual. Ideal ear type on a good stalk. Excellent blight resistance. Fits Southeast Pennsylvania, Maryland and Delaware for maturity as 89X is a full season hybrid. Very upright leaves.

Second best yield of 84 hybrids tested by Maryland Extension in Carroll County in 1973 - 158.7 bu. dry shelled corn per acre!! Has second best 2 year average yield in Dorchester Co., Maryland with 161.2 bu. dry shelled corn per acre!!

85X SINGLE CROSS - 120 DAYS

A popular full season Single Cross. Excellent standup and top-notch appearance. Ears are low and girthy. Ideal for Southeastern Pennsylvania and Maryland grain production. Official yields have reached 221.8 bu. dry shelled corn per acre. A very consistent performer.

83X SINGLE CROSS - 118 DAYS

New in '72, this Single Cross Hybrid has gained a large following. Look for a good sized plant, a vigorous grower and yields that compare with the very best. 83X is a fine stander and shows resistance to eastern blights. A good picker-sheller corn.

Outstanding performer in both Penna. and Maryland in the 1973 Extension Tests.

8703 3 WAY - 118 DAYS

A Penn State released 3-Way Cross with exceptional yield and standup. Averaged 184.3 bu. dry shelled corn per acre in the 1970 Agronomy Tests in five Southeastern Pa. locations. Percent erect plants — 94.6 percent!! An excellent choice for grain or silage. Very blight resistant.

SOLD BY 250 DEALERS IN PENNA.
NEW YORK, MARYLAND & DELAWARE.

800 - 3 WAY - 115 DAYS

New in '73, 800 3-way is outstanding in yield, standup and tolerance to thick planting and drought. Yields of 200 bu. dry shelled corn have been reached in test plots. Look for a close attached ear of substantial length and girth. Excellent for silage.

800-3 was No. 1 of 84 hybrids tested — 14 bu. better in yield than any other hybrid brand in the 1973 Maryland Extension test in Carroll County!! Has the highest 2 year average in Dorchester Co. with 163.7 bu. dry shelled corn per acre.

790 - 3 WAY - 112 DAYS

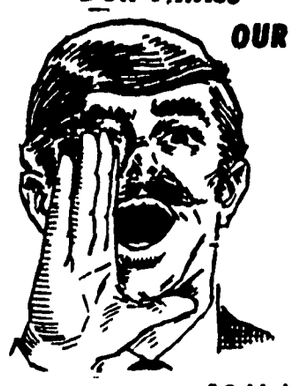
A new 3-way using the inbreds in 79X plus one other excellent standing, low eared inbred. The overall outstanding characteristics of 790 3-way make this new 3-way an excellent choice for '75. A fair supply of seed is available. Drought tolerance especially good.

Doebler's Pennsylvania Hybrids, Inc.

R.D.1, Jersey Shore, Pennsylvania 17740 Phone 717-753-3210

CENTRAL TRACTOR

DON'T MISS OUR . . .



EARLY BIRD SALE

POLY-PAC BATTERIES

Polypropylene case means 12% more room inside the battery than in conventional rubber casings for more and larger plates, providing 71% more cranking power

12 Volt Heavy Duty

Group	Stock No	Size	Plates	Amps	Guarantee	Outr./ Reg.	Exch. SALE
24C	15739-252	10¼"x6¼"x8⅞"	54	78	36 mo	33.99	26.99
24C	15731 252	10¼"x6¼"x8⅞"	42	63	24 mo	30.29	20.99
24F	15740 252	10¾"x6¾"x8⅞"	54	46	36 mo	34.39	24.99
27	15732 252	12"x6¾"x8¾"	66	82	36 mo	42.89	36.49
29NF	15733 252	13"x5½"x9"	54	60	24 mo	32.19	24.99
3EE	15750 252	19-5/16 x4-5/16"x8¾"	54	60	24 mo	44.49	32.99
60	15734 252	13-1/16 x6½"x8⅞"	54	72	24 mo	37.49	26.49
3ET	15735-252	19-5/16 x4⅜"x9 13/16"	78	94	36 mo	48.39	34.99
30H	15749 252	13½"x6 13/16"x9-1/16"	78	95	36 mo	51.29	41.99
22F	15741-252	9-7/16"x6-13/16"x8-5/16"	54	60	36 mo	33.69	21.99

12 Volt Garden Tractor and Snowmobile

U1	15743 252	7⅛ x5⅛ x7⅛"	54		12 mo	30.59	19.99

6 Volt Heavy Duty

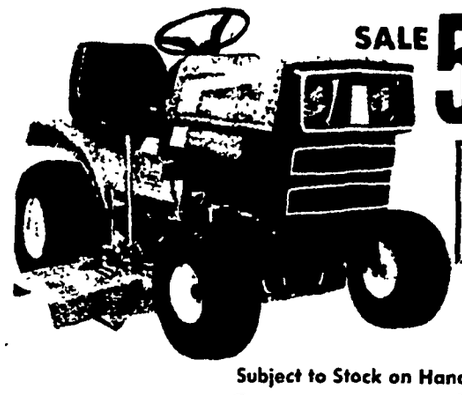
1	15746-252	8⅞" x6⅞ x8¾"	51	120	48 mo	33.79	22.99
1	15725-252	8⅞" x6⅞ "x8¾"	27	82	12 mo	20.99	13.99
1	15726-252	8⅞"x6-27/32"x8¾"	45	100	24 mo.	29.99	19.99
2	15727-252	10⅜"x7⅞"x9⅜"	45	120	24 mo	30.29	23.99
3	15729-252	11-21/32"x7 1/16"x9-9/32"	57	140	24 mo	41.79	29.99
4	15730-252	12⅞"x6-29/32"x9⅛"	69	165	24 mo.	44.99	32.99
5D	15742-252	13-9/16" x7-1/16"x9-1/16"	75	190	24 mo	54.59	41.99
3EH	15747-252	19⅛"x4-5/16"x9¾"	69	172	36 mo	59.49	41.99

8 Volt Heavy Duty

	15736-252	8-29/32"x6-13/16"x8-23/32"	44	350	24 mo.	33.79	21.99

STOP INFLATION

SAVE BY BUYING NOW!



SALE 599.99

SAVE 130.00

8 H.P.

Subject to Stock on Hand

Muscle Machine

12 Volt electric Start, Twin blade 36" mower, Heavy duty 4 gear transaxle transmission, Oversize tires: Rear 18x9.50, Front 15x6.00. 22460-258 ..... Reg. 729.99

MERCURY VAPOR

Security Light

Reg. 43.99 SALE 32.99

SAVE 11.00

Turns on automatically at dusk and off at dawn. Average life of bulb is 16,000 hours. 2½ times the lighting capacity of incandescent. Complete with 30" aluminum support, photo control, lamp, and hardware. 175 Watts. 28200-311

CLEARANCE

Insulated Coveralls

SAVE up to 8.90

SALE 19.99

Protect yourself from the weather this winter with fiber-filled or foam insulated coveralls. To insure adequate supplies, we have different styles in a variety of sizes regularly priced as much as 28.88. Save big while the supplies last. Check your store for styles available.
3000000-168. Reg. as much as 28.88
Subject To Stock On Hand

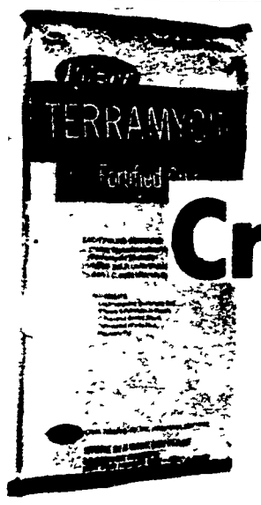
CUT 23%

Windshield Washer Anti-Freeze

SALE 18258-234 1 Gal. Reg. 1.29 99¢

50 lb. bag Terramycin

Crumbles



SAVE 51%

Increased disease protection fights two ways, in the blood and in the gut. 19015-141

Reg. 16.25 SALE 7.99

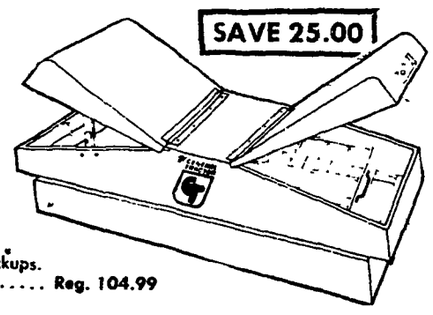
Tow Chains SAVE 24%

5/16x14 10608-072	SALE 8.75	Reg. 11.49
3/8x14 10600-072	SALE 13.50	Reg. 17.99
1/2x14 10604-072	SALE 29.50	Reg. 38.99

Pickup Tool Box

SAVE 25.00

SALE 79.99



Fits most standard pickups.
22185-269 ..... Reg. 104.99

Central Tractor

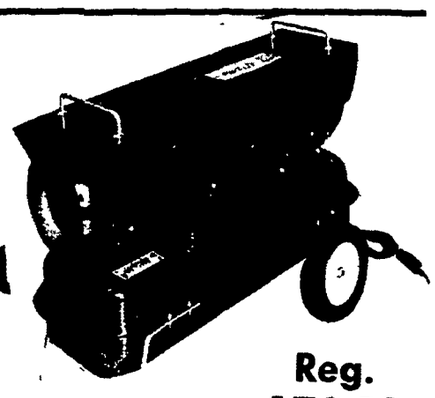
Milk Replacer

Higher quality than many milk replacers on the market. Compare for yourself and see the difference this quality can make in your animals. 27800-285

SAVE up to 4.01

Reg. 14.50 SALE 10.49

SAVE 27.00



94,000 BTU

Reg. 176.59

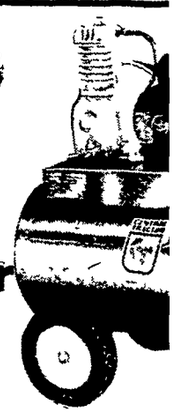
Space Heater

Uses kerosene or #1 fuel oil. 94,000 BTU, heated air output of 350 cubic feet per minute. 23985-260

SALE 149.59

Air Compressors

REDUCED 20%



½ H.P. Compressor

- 14 Gallon Tank
- Up to 100 p.s.i.
- 20 ft. air hose with chuck

17780-106

SALE Reg. 118.88 94.95

1 H.P. Compressor

- 22 Gallon Tank
- Up to 125 p.s.i.
- 20 ft. air hose & chuck

17838-106

SALE Reg. 299.99 239.99

Overhaul Sets

Save big on repairs Everything you need for overhauling your tractor. Builds performance and increases economy by having your machine in top condition. Sets include sleeve assembly, complete valve train, rod bearings, and gasket set.

FOR FORD
8N, 1952 after serial #433,578 (and rebored '39-51), bore increased 3-3/16 to 3.270 Thin wall sleeves
12419-133x Reg. 87.99 SALE 74.95

FOR IHC
H and W4 - 5000' flat head aluminum piston Bore increase 3¾" to 3-7/16" Adds up to 3 4 h p Gas head
12400-133x Reg. 138.19 SALE 119.95

M, W-6, 1-6, O-6, T-6 - 5000' flat head alum pistons Bore increased 3⅞" to 4". Adds up to 7 h p Gas head
12410-133x Reg. 165.69 SALE 139.95

FOR ALLIS CHALMERS
W, WC after serial no 84248, WF and WD to serial no 14667 and Eng No. 289000 Bore increased 4" to 4⅛", adds up to 7 h p. 12428-133X Reg. 162.89 SALE 139.95
B, C, RC & CA Inc. 3¼ ' & 3⅜" Bore. 12426 Reg. 157.49 SALE 133.95

FOR FORD
2N, 8N, 9N ('39-51 not rebored) to serial #433,578-Std Thin wall sleeve 3-3/16" bore 12418-133x Reg. 84.99 SALE 72.95

Combiotic

A highly effective combination of penicillin and dihydrostreptomycin. Permits treatment of many mixed bacterial infections, such as footrot, pneumonia, shipping fever, wound or joint infections, and many more.
19008-141

Reg. 3.49

SALE 2.99

100cc

Prices subject to change without notice—We reserve the right to limit quantities— Sale prices good for Sale Dates only

...LE

...ation

...NG NOW!

...E 599.99

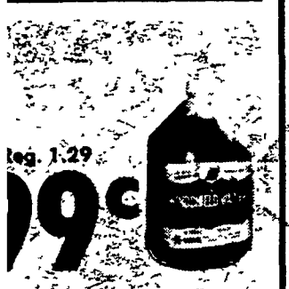
SAVE 130.00

8 H.P.

...Hand

...achine

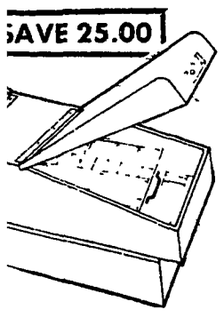
...ower, Heavy duty 4 gear
...s: Rear 18x9.50, Front
..... Reg. 729.99



...eg. 1.29

...9¢

SAVE 25.00



FIELD SPRAYER

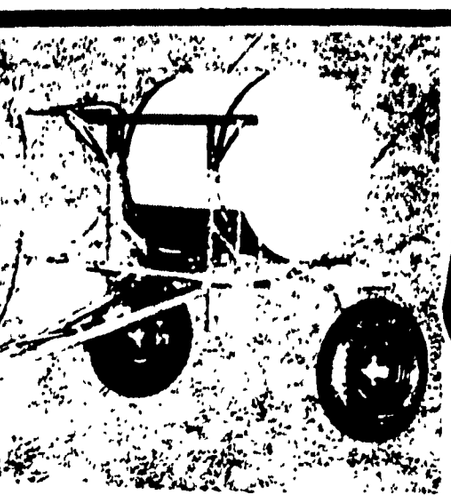
This big 6 row, 13 nozzle sprayer will give approx. 22 ft. coverage. Comes with piston type regulator, nylon strainer, high speed Timken bearings and 14" rims (less tires). Features Heavy Duty adjustable axle, and variable nozzle spacing.

200 Gal.
Comes with 6' roller pump, Tee valve manifold and 10 gallon tips. 14440-105

Reg. 699.99

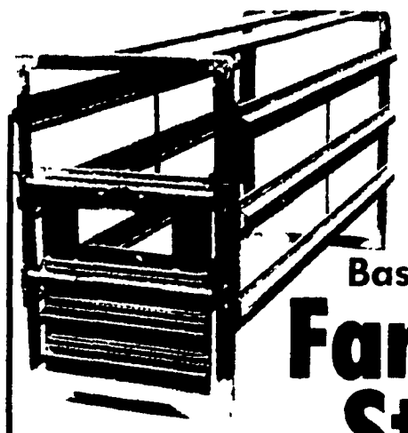
SALE 579.99

BUY NOW AND SAVE 120.00



CENTRAL TRACTOR

Early Bird SALE!



SAVE 15.00

Basic Unit

Farrow Stall

Reg. 69.99

SALE 54.99

2 arches, 2 sides, top panels, rear gate. Complete with all hardware and rump bar. 24" wide, 78" long, 40" high. 17678-253

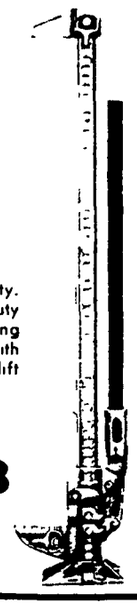
Hi-Lift Jack

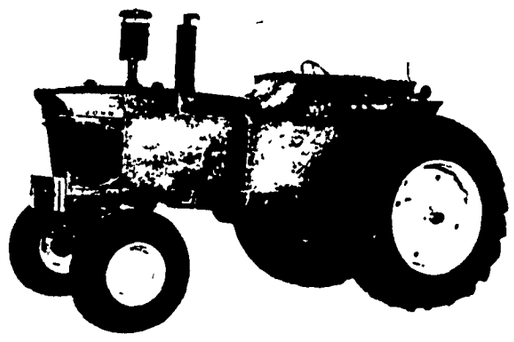
SAVE 8.00

7,000 lb. capacity. Made of heavy duty materials for long wear. 48" high with 38" continuous lift capability. 22725-249

SALE 23.88

Reg. 31.88





Central Tractor

Heater Cabs

SAVE 10.00

UNIVERSAL
Fits most popular models, rear or side entry.

Reg. 59.99

SALE 49.99

CUSTOM FITTED
Complete with windshield and wings. SPECIFY MAKE, MODEL, AND YEAR.

Reg. 59.99

SALE 49.99

Reduced 28%

5" Sealed Beam

Tractor Lights

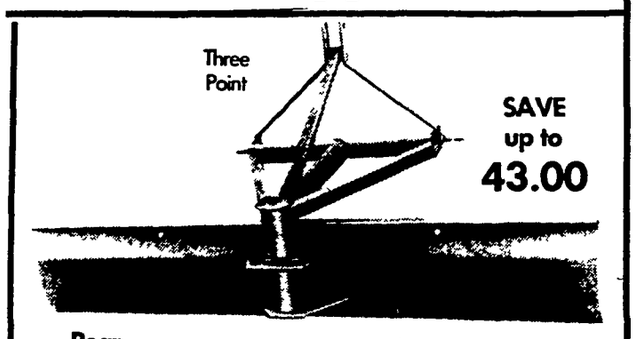
6 Volt 901-005

12 Volt 902-005

Reg. 5.59

SALE 3.99

Three Point



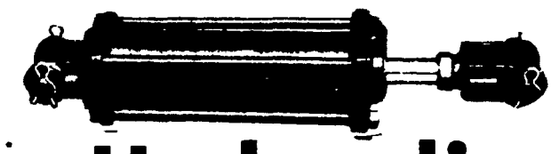
SAVE up to 43.00

Rear

Tractor Blades

...ot ...49.99 SALE 109.99

...ot ...57 Reg. 172.99 SALE 129.99



Hydraulic Cylinder

3" bore, 8" stroke, 20¼" retracted length. 2500 p.s.i. rated. 6501-017

SAVE 11.00

Reg. 40.99

SALE 29.99

Flashing

SAFETY LIGHT

SALE 5.99

Reg. 7.50

Ready to attach to your vehicle. Meets or exceeds all state requirements. Yellow lens and flasher. 6 Volt 23010-047 12 volt 23009-047

SLOW MOVING VEHICLE EMBLEM

SAVE 36%

Reg. 2.65 SALE 1.69

Mounted on 22 gauge galvanized steel. Meets all State requirements, ASAE and SAE standards. 23002-047

Catagory 1

Toplink

SAVE 5.76

Reg. 15.75

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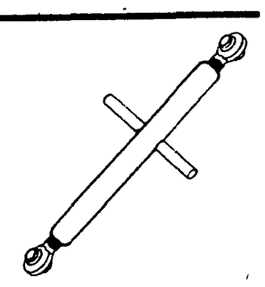
Adjustable from 19" to 28½". Body made of 1¼" steel pipe, thread 1" NC, ¾" sockets. 13225-063



...ressors

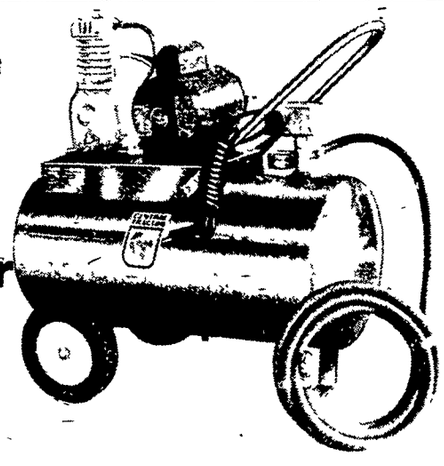
...20%

1 H.P.

...ompressor

...2 Gallon Tank
...lp to 125 p.s.i.
...0 ft. air hose & chuck
...38-106

SALE ...eg. ...9.99 239.99



Assorted

Bolts And Flat Washers

SAVE 20%

Reg. 99¢

SALE 79¢ Per Pound Min. 10 Lbs.

Nuts

Reg. 1.49

SALE 1.19 Per Pound

Combiotic

...com-
...in and
...Per-
...many
...ections,
...pneu-
...fever,
...ections,

Reg. 3.49

SALE 2.99

100cc

FITS BACK OF PICKUP

110 Gallon

Fuel Tank

With Lifting Loops

SAVE 20.00

Reg. 99.99

SALE 79.99

22066-176

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MANY MORE ITEMS ON SALE

Pa. Crop Statistics Show Boosts in 1974

Pennsylvania farmers produced more corn, oats, wheat, barley, rye, potatoes and tobacco, but less soybeans in 1974 than they did in 1973 according to the Pennsylvania Crop Reporting Service.

Corn for grain production in Pennsylvania totaled 89.1 million bushels in 1974, 10 percent more than 1973 production and the highest production of record. Yield per acre harvested for grain was 81 bushels. This rate of yield was exceeded in 1967, 1969 and 1970.

Corn silage harvest was estimated to be 5.6 million tons, 6 percent less than the silage harvest the preceding year. Yield averaged 14.00 tons per acre both years.

Oats production, at 20.1 million bushels, was 14 percent more than it was the preceding year. Yield averaged 51 bushels per acre, compared with 47 the year before.

Wheat production totaled 12.6 million bushels, an increase of 71 percent from the year before. Yield averaged 36 bushels per acre, compared with 28 bushels in 1973.

Barley production totaled 3,690,000 bushels, an increase of 27 percent from 1973 production. Yield averaged 55 bushels per acre, compared with 44 bushels the preceding year.

Rye production totaled 512,000 bushels in 1974, an increase of 26 percent from 1973.

Production of soybeans totaled 1,144,000 bushels, a decline of 20 percent from the preceding year. The decline was a result of a reduction in number of acres harvested, as yield averaged 26 bushels per acre in both years.

Production of all hay in Pennsylvania totaled 4.3 million tons in 1974, a decrease of 7 percent from the preceding year's production. About half of this hay, 2.2 million tons, was alfalfa or mixtures containing alfalfa. Yield of all hay averaged 2.2 tons per acre and yield of alfalfa hay averaged 2.7 tons per acre.

United States production of corn for grain in 1974 is estimated at 4,651 million bushels, 18 percent less than the record production of 5,647 million bushels in 1973 and 17 percent less than the 5,573 million bushels in 1972. The lower production, despite a larger acreage, was due to the poorest yields in a decade. The U.S. average yield was 71.3 bushels per acre, off 19.9 bushels per acre from 1973.

Corn cut for silage is estimated at 10,695,000 acres, 20 percent more than 1973. Silage production totaled 111.3 million tons, 1 percent less than a year earlier. The average yield per acre of 10.4 tons compares with 12.6 tons in 1973.

U.S. oat production is estimated at 621 million bushels, 7 percent less than the 667 million bushels output from the 1973 crop. Acres harvested for grain was down 5 percent to 13.3 million acres from the 1973 acreage of 14.1 million acres. Yield per harvested acre averaged 46.6 bushels compared with 47.4 bushels last year.

The 1974 production of barley totaled 308 million bushels, 27 percent below the 1973 and 1972 crops of 422 million and 423 million bushels respectively. This reduction in the 1974 crop was influenced by a sizeable decrease in acreage harvested and lower yields in most major producing states. Yield per acre averaged 37.2 bushels, down 3.1 bushels from last year's average of 40.3 bushels.

Production of all wheat in 1974 totaled a record high 1,793 million bushels, 5 percent above the previous high of 1,705 million bushels in 1973 and 16 percent above the 1972 output. Yield per acre of the 1974 crop at 27.4 bushels is the lowest average yield since 1967 and compares with 31.7 for the 1973 crop and 32.7 in 1972. Wheat was harvested from 65.5 million acres - 22 percent more than in 1973 and the largest since 1953 when 67.8 million acres were harvested.

The 1974 rye crop totaled 19.3 million bushels, 27 percent below the 1973 production and 34 percent below the 1972 crop as a result of lower acreage and yield. Yield per acre, at 21.5 bushels, was 3.9 bushels below the 1973 average and the lowest average yield since 1964 when the average was 19.1 bushels per harvested acre.

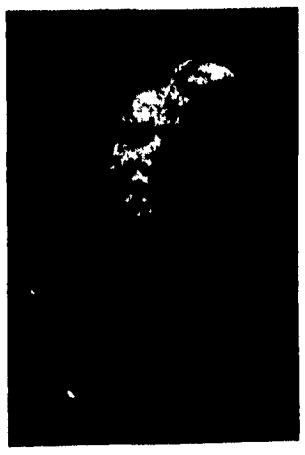
The U.S. soybean crop totaled 1,233 million bushels. Production was down 20 percent from the previous year and 3 percent below 1972. Reduced yields and smaller acreage contributed to the sharp decline from 1973. Soybean yield per acre averaged 23.5 bushels, down 4.2 bushels from 1973 and 4.3 bushels below the record high 1972 per acre outturn.

All hay production in 1974 totaled 127.00 million tons, down 6 percent from the record high of a year earlier and the smallest tonnage since 1969. Reduced acreage and lower yield throughout most of the country accounted for the decline.

Alfalfa hay production totaled 74.3 million tons in 1974, down 6 percent from 1973 and the smallest total since 1968. Acreage harvested in 1974, at 26.6 million acres, declined 4 percent from the 27.8 million acres harvested in 1973 and was the lowest since 1969.

All other hay production totaled 52.7 million tons in 1974, down 5 percent from the 55.6 million tons in 1973, but 4 percent more than the 50.6 million tons harvested in 1972. Harvested acreage totaled 33.9 million acres, 1 percent less than the 34.3 million acres harvested in 1973 but 4 percent more than the 32.7 million acres in 1972. Yield per acre averaged 1.55 tons in 1974, well below the 1.62 tons in 1973 but the same as in 1972.

Broken Bit 4-H Club



Natalie Immel was elected president of the Broken Bit 4-H Horse Club at their recent meeting.

The Broken Bit 4-H Horse Club met recently at the home of Leslie and Lyn Sherman, Conestoga. President, Cindy Enck presided at the business meeting. Plans were completed for a field trip to member's homes on February 1st to see and take pictures of their horses.

Martha Gregory reported on the plans for a hoagie sale to be held March 1. The annual horse show date was set for May 25 at the Friendly Horseman's Show Grounds in Denver.

Jane Gregory and Natalie Immel reported on the 4-H Expo County meeting they attended and told of plans for the club exhibit.

New officers were elected with Natalie Immel being chosen as president. Other officers elected included: Jon Keller, vice-president; Dee Dee Rice, secretary; Daphne Immel, treasurer; Tom Keller and Lyn Sherman, game leaders; with Jane Gregory as news reporter.

The next club meeting will be February 21 at the Brickerville Fire Hall.

Milk Price Dips In December

The December uniform price for base milk decreased 4 cents to $8.83, from the previous month. Excess milk showed a decrease of 35 cents to $6.50, according to Andrew Marvin, Ephrata, fieldman for Inter-State Milk Producers Cooperative.

In comparison to December levels one year ago, base milk was down 17 cents and excess down 40 cents per hundredweight.

The weighted average price for the market was down 57 cents compared to December 1973.

A total of 390.5 million pounds of producer milk was pooled in December of which 63.60 percent was sold as Class I, showing a decrease of 2.6 percent of deliveries made in November, and a 0.44 percent increase over December a year ago. Seven thousand six hundred and eight Order No. 4 producers provided 12.6 million pounds per day to dealers during December, averaging 1656 pounds per farm per day. Total value of producer milk was set at $33,041,591.13 for the month.

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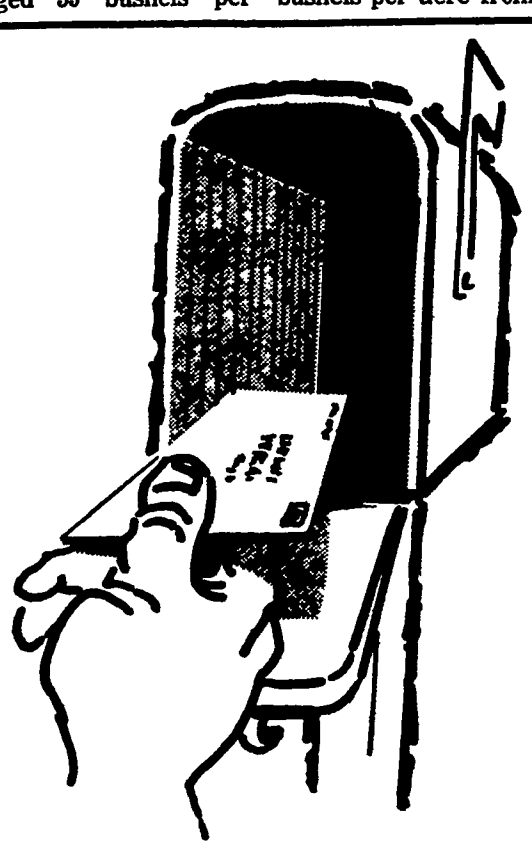
Write or call for a list of Local Dealers



BUY NOW- Get Cash from Sperry New Holland

These are Sperry New Holland Winter Buyer's Dividend Days! From January 1, to March 31, 1975, you get a cash dividend when you buy an eligible machine from Sperry New Holland. The amount of money you get depends on the machine you buy and the month you buy it. The sooner you buy, the larger the check you'll receive. You'll be sure to have the machine you need for the coming season, too! Remember, this program ends March 31, 1975.

Eligible machines include automatic bale wagons, stack retrievers, balers, mower-conditioners, and precision-cut forage harvesters.

SEE US SOON FOR DETAILS!

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Roy A. Brubaker
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Lancaster
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C. E. Wiley & Son, Inc.
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Quarryville
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This product and other animal health products available from your local feed and farm supply dealers serviced by
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WARBEX breaks the life cycle of lice during the feeding stage . . . before they reach egg-laying maturity. Single treatments offer long-lasting protection, with no set-back to cattle.

WARBEX is easy to use, because it's ready to use. No spraying, no dipping; you simply pour it along the animal's back.

Lice-free cattle gain faster, convert more feed into more beef, can quickly return more than your investment in WARBEX.

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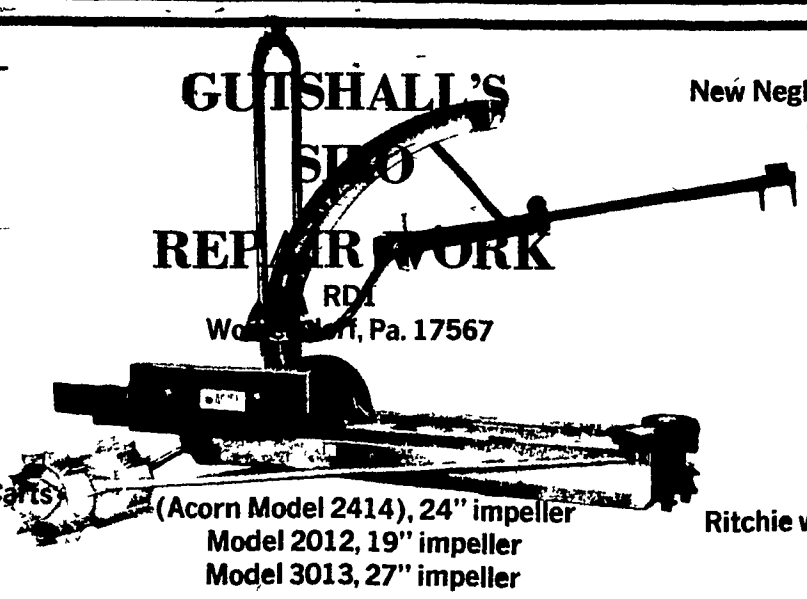

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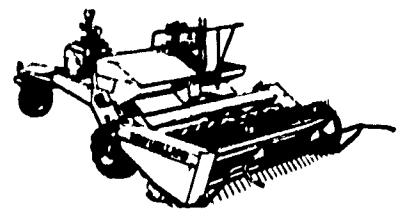

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SUPER SPECIALS DURING OUR OPEN HOUSE DAYS

NO. 14 N.H. RUNNING GEARS 15 IN. WHEELS	$288.50
LELY FERT. SPREADERS GROUND DRIVE	$818.00
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BALE RACK WAGONS w-RUNNING GEARS	$733.50 without tires
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JANUARY 29-30-31
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37 I.H. Baler w-Engine
78 N.H. Baler
A.C. 303 Baler
A.C. 303 Baler w-Engine
A.C. 80R Mower
J.D. Side Mounted Mower
S.P. 1469 N.H. Haybine
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185 Bushel Farmhand Spreader
35 I.H. Spreader
717 N.H. Forage Harvester
Grove Forage Wagon
Gehl Forage Wagon
Vemere Hay Crusher
12A N.I. Spreader
145 Bushel Starline Spreader
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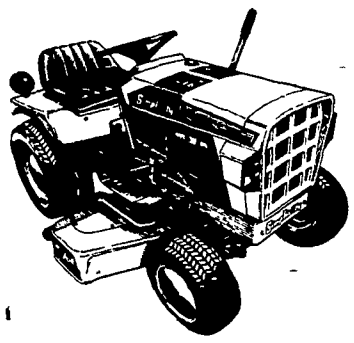

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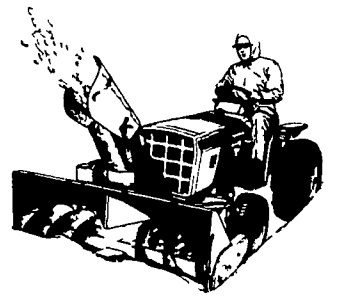
1 - 12 H.P. TRACTOR HYDRO. W/48" MOWER



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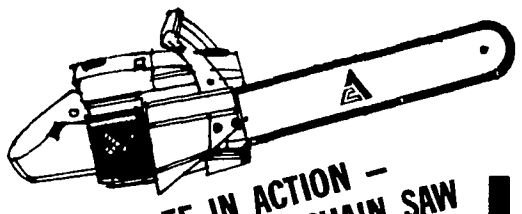

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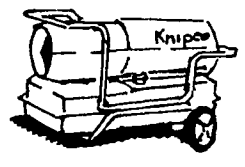

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350 STRASBURG PIKE **PHONE 397-5179** **LANCASTER, PA**

Homemaking Courses Slated By Area Home Economists

Within the next few weeks, several of the area Extension Services will be offering courses and workshops on homemaking topics to include cooking and sewing. Some of the classes will be one day meetings with no cost involved while others such as advanced sewing will require registration and fees.

A number of the scheduled classes are listed below for your convenience, however for registration and more information on the contents of the class, please inquire at the Extension service listed.

Chester County

A series of Mini-Workshops entitled "Sewing To Save" will be offered by the Chester Extension. These classes are free of charge and open to the public.

Hems: Wednesday, January 29th 10:00 - 11:30 a.m.

Zippers: Wednesday, February 5th 10:00 - 11:30 a.m.

Sleeves: Wednesday, February 19th 10:00 - 11:30 a.m.

Collars: Wednesday, February 26th 10:00 - 11:30 a.m.

All the classes except Collars will be held at the Paul Dague Building in West Chester. The "Collars" workshop will be at the Chester County Federal Savings and Loan Community Room in West Chester.

Learn To Sew Men's Jackets: Cost $10 with 5 meetings February 18, 25 March 4, 11, 25 from 9:30 - 11:30 a.m. Paul Dague Building.

Upholstery Workshop - Cost - $23 with 1 orientation meeting and 5 work meetings Monday through Friday, March 17-21st from 10:00 - 3:00 p.m. at the Paul B. Dague Building.

Chair Caning: Cost - $8 with 3 meetings Feb. 26th and March 5-12th from 9:30 - 11:30 a.m. Paul Dague Building.

Mens Knit Slacks· Cost - $6 with 3 meetings Feb. 27th and March 6-13th. 9:30 - 11:30 a.m. at the Paul Dague Building.

Lebanon County

A series of sewing workshops will be held in the coming weeks at the Lebanon Extension Service at 400 S. 8th St. in Lebanon.

Beginners Knit Dress Workshop: 5 sessions 1:00 - 3:00 p.m. Monday afternoons February 3, 10, 24 and March 3, 10. Room 11.

Intermediate Knit Dress Workshop: 6 sessions 1:30 - 3:00 p.m. Feb. 5, 12, 26 and March 5, 12, 19. Room 11.

Men's Double Knit Pants 5 sessions 9:30 - 11:00 a.m. from Feb. 5, 12, 26 and March 5 and 12th. Room 11.

Basic Pants: 3 sessions 7:30 - 9:30 p.m. Feb. 27 and March 13 - 30th. $5.00 cost. Room 11.

Creative Fashions: Thursday, February 20th 7:30 p.m. Information on the stretch and sew sewing techniques.

Window Treatments and Draperies: 2 sessions. Monday, March 10th and Monday March 17th, 7:30 p.m. in Room 306.

Super Slow Cooking: Cooking with crock pots and pressure cookers Tuesday, February 4th at 7:30 p.m. in Room 12.

Convenience Food Mixes: Making your own mixes that save time and money. Wednesday, March 5th at 7:30 p.m. Room 12.

Back to Basics - Soups and Stews made from scratch. Tuesday, February 25th at 9:30 a.m. and 7:30 p.m. Room 11.

Lancaster County

The Lancaster County Extension will be offering several classes on sewing for beginners as well as for advanced seamstresses.

All of the classes will be held in the Extension Training Center which is located in the basement of the Farm and Home Center, 1383 Arcadia Road, Lancaster, PA. Unless you hear from us, please come to the first class scheduled for the workshop in which you enrolled.

Beginning Clothing Construction - A series of six classes for those persons who have little or no experience in sewing. Basic fundamentals taught include: "how to" use a sewing machine; choose correct pattern size; make pattern alternations; select and prepare fabric; layout; correct cutting procedures; and sewing techniques used in a sleeveless, collarless garment. Cost $15.00.

Workshop No. 1 - Classes will be held from 1:00 to 3:00 p.m. on Mondays February 3, 10, 17, March 3, 10, 17. Registration deadline January 30.

Workshop No. 2 - Classes will be held from 7:00 to 9:00 on Mondays March 31, April 7, 14, 21, 28 and May 5. Registration deadline March 27.

Intermediate Clothing Construction - A series of six classes for the individual who has mastered the basic fundamentals of sewing. Techniques taught in this workshop include those used in constructing the classic "shirt look": when and how to use interfacing; simple collar and cuff construction; how to set a sleeve; machine and handmade buttonholes; belts; and working with plaids. Cost $15.00:

Workshop No. 3 - Classes will be held from 1:00 to 3:00 p.m. on Thursdays February 13, 20, 27, March 6, 13 and 20. Registration deadline February 6.

Workshop No. 4 - Classes will be held from 7:00 to 9:00 p.m. on Tuesday April 29, May 6, 13, 20, 27 and June 3. Registration deadline April 10.

Cutting-To-Fit - A series of eight classes during which you will learn how to: alter a basic pattern to fit you individual figure problems to perfection; draft your own basic pattern in pellon; use this basic pellon to know where to alter commerical patterns and use it to create a variety of garments for your wardrobe. Techniques such as those taught in Beginning and Intermediate Workshops are prerequisites for this course. Cost $20.00:

Workshop No. 5 - Classes will be held from 9:30 to 11:30 a.m. on Tuesdays February 11, 18, 25, March 4, 11, 25, April 1 and 8. Registration deadline February 6.

Workshop No. 6 - Classes will be held from 7:00 to 9:00 p.m. on Tuesdays March 25, April 1, 15, 22, 29, May 6, 13 and 20. Registration deadline March 14.

Beginning Tailoring - A series of eight classes presenting the basic principles of construction involved in tailoring a professional looking wool suit or coat. Cost $20.00:

Workshop No. 7 - Classes will be held from 9:30 to 11:30 a.m. on Mondays February 3, 10, 17, 24, March 3, 10, 17 and 24. Registration deadline January 30.

Sewing For Children - A series of six classes to create new ideas for satisfying the needs of a child's wardrobe. You'll learn to sew knit tops, slacks, vests and coats for both the little guys and gals in your family. Cost $15.00:

Workshop No. 8 - Classes will be held from 7:00 to 9:00 p.m. on Tuesday, March 18, 25, April 1, 15, 22 and 29. Registration deadline March 6.

Pants That Fit - A series of six classes where you learn how to draft your own basic pants pattern - designed to flatter your figure, feel comfortable, and fit well; how and when to line; work with plaids, stripes and border prints; and become acquainted with techniques used in constructing pants. Cost $15.00.

Workshop No. 9 - Classes will be held from 9:30 to 11:30 a.m. on Mondays February 3, 10, 17, 24, March 3 and 10. Registration deadline January 30.

Workshop No. 10 - Classes will be held from 7:00 to 9:00 p.m. on Wednesdays April 9, 16, 23, 30, May 14 and 21. Registration deadline April 1.

Pant Coordinates - A series of five classes designed to give your wardrobe a new coordinated layered look. Learn to construct "tops" for the pants and skirts you already have. A study of the overblouse, vest, jacket, cardigan and blazer will be covered. Cost $12.50:

Workshop No. 11 - Classes will be held from 9:30 to 11:30 a.m. on Thursdays February 13, 20, 27, March 6 and 13. Registration deadline February 6.

Menswear Clothing Construction - A series of four classes designed to present professional techniques used to construct men and boys' slacks, shirts, vests, and ties, using double knits. Cost $10.00:

Workshop No. 12 - Classes will be held from 1:00 to 3:00 p.m. on Mondays February 3, 10, 17 and March 3. Registration deadline January 30.

Workshop No. 13 - Classes will be held from 7:00 to 9:00 p.m. on Mondays March 31, April 7, 21 and 28. Registration deadline March 24.

Tailoring Mens' and Boys' Sport Jackets - A series of five classes presenting techniques which will give professional looking results when constructing sport jackets. Cost $12.50:

Workshop No. 14 - Classes will be held from 1:00 to 3:00 p.m. on Mondays March 10, 17, 24, 31, April 7 and 14. Registration deadline March 3.

Workshop No. 15 - Classes will be held from 7:00 to 9:00 p.m. on Mondays May 5, 12, 19, June 2 and 9. Registration deadline April 25.

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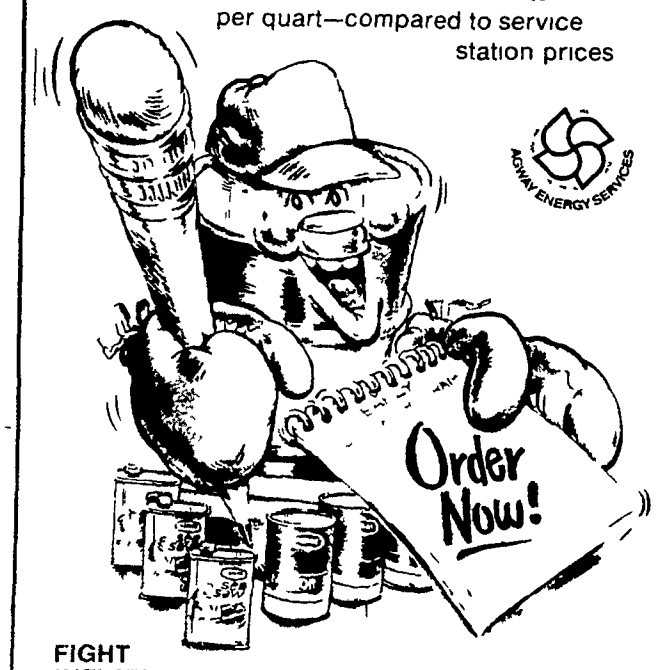

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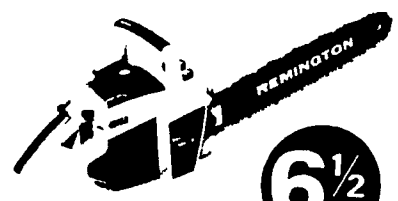

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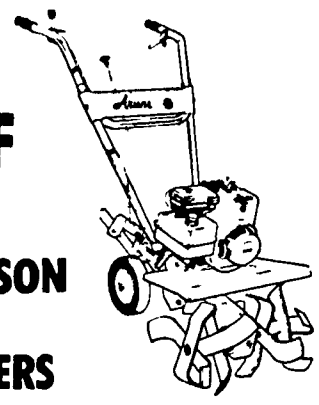

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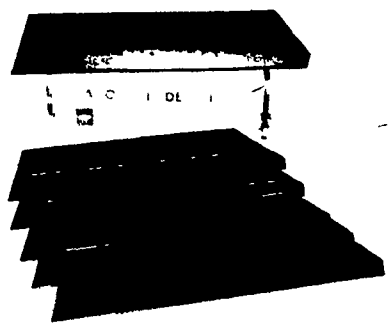

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The easy loaders Multi-purpose lithium base with a wide temperature range Available separately or in convenient 10-pack

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160 Million Acres Lost To Farming Since Late 1800's

"See that shopping center? I can remember when all that land was in corn and tobacco."

Statements like this have become familiar to us all. And no wonder. The U.S. has over 160 million acres that have gone out of farming since the late 1800's - the equivalent of roughly three-fifths of our harvested cropland today.

Poring over 1880-1969 Census data, researchers found that as many as 436 million acres had been planted to crops sometime during that period, but that only 272 million acres remained in production in 1969. Much land, of course, has been brought back since then. Crops were harvested from about 322 million acres in 1974.

The 436 million acres are the sum of the park levels of cropland harvested by every county across the Nation. In 1929, the U.S. reported 359 million acres of cropland - the most ever in production in any 1 year. The national and county records vary sharply because not all counties had top acreage that particular year.

Ninety-five percent of all counties harvested their peak acreage after 1900. Those cresting before 1900 were mainly along the eastern seaboard where most of the population lived at that time.

Close to a fourth of all counties reached their maximum acreage from 1900-1920. But 1920-1940 brought a record 1,217 counties to their peak as tractor power replaced horses and mules. During the following 2 decades, harvested acreage hit record levels in a fifth of all counties.

Irrigation and drainage proved the driving force in counties where acreage hit top levels after 1960. Most affected were areas along the Mississippi River, in southern Florida, and in the central Corn Belt.

In 1969, 57 million acres were diverted from crop production under federal programs. This means that of the 164 million acres that weren't farmed that year, 106 million no longer formed part of the cropland base. Nearly three-quarters of the acreage vanished from five regions: the Northeast, Northern and Southern Plains, Appalachia, and the Southeast.

In many cases, this land was abandoned because it was inferior to present cropland. On average, about 2½ million acres of farmland are converted to other uses - including grass and trees - each year, but development of nearly 1¼ million acres of new cropland partly offsets this conversion.

Experts say that only a minor share of abandoned cropland could compete economically with present farmland if returned to production. Acreage most likely to be brought back lies mainly in highly productive farming regions.

Generally, the earlier a county reached its peak harvested acreage, the larger its share of retired land. For example, 80 percnet of the Northeastern counties hit cropland peaks before 1920. Much of this land then shifted to other uses, and it's unlikely to return to agriculture.

Too, fields throughout the Northeast - as well as in parts of Appalachia and the Southeast - are too small and scattered for efficient use of modern machinery. And much of the former cropland has reverted to wooded areas.

The Delta and Southeastern regions also have vast areas that have never been cropped but which could become productive farmland with proper drainage.

Farmers Give Calves

(Continued from Page 1)

stations, two of the local TV stations and a daily newspaper. I think we made our point with a lot of our city cousins.

"Some non-farmers did talk to me after they heard about what we did, and they were shocked at the low prices we were getting. Some of them thought farmers are getting rich because food prices are so high. I think we helped them to realize that we don't see a lot of the money that's spent in the supermarkets."

Victor Ziegler, Myerstown, another dairy committee member who donated calves, said his pay slips from a recent cattle auction were the best reasons he could think of for not feeding calves. "I figured out what I had left after selling a 900-pound steer the other week and it was just $8.30. And that doesn't even include the cost of the feed."

Ziegler said he'd like to see similar moves by other farmers across the Eastern U.S. He said large scale action would soon be reflected in the price that farmers get for their steers and calves.

sentiment. "There's been some talk already by some of our members to donate more calves," he said. "That might be a good idea, but I think it would be even better if we could get some participation from our neighboring counties. I'd like to see this idea spread out from here and involve a lot more farmers, and make a lot more consumers aware of our problems."

The Mennonite Central Committee, a relief organization with headquarters in Akron, Pa., will can the meat from the Lebanon County calves. It will be used to feed hungry people in Honduras and Africa.

Three area butchers slaughtered the animals and butchered them. Burkholder Meats, Myerstown, took 70 animals, John Martin, Scheoneck got 30, and Krall's Meat Market, Schaefferstown, took the rest. The butchers charged $5 apiece for slaughtering, but Hoffman said he expects these costs will be covered by donations.

Home Costs

Just simply operating your house is getting to be ridiculously expensive Listed below are some helpful hints on cutting those home costs.

—Over a third of calls to repairmen are unnecessary Make simple, obvious checks on your own prior to calling for help See if the plug is in, power on, and controls set properly If a repairman is needed, be there when he arrives Pay for his work—not his waiting

—Be aware of active appliance warranties Take advantage of any such benefits.

—Tool rental can be a money-saver You don't have to purchase everything you need for those periodic chores. Combine your efforts with those of your neighbors

—Redecorating can be done much cheaper when you do it yourself It's not as difficult as you might think Materials are readily available along with instructions

New Idea's Manure Spreaders

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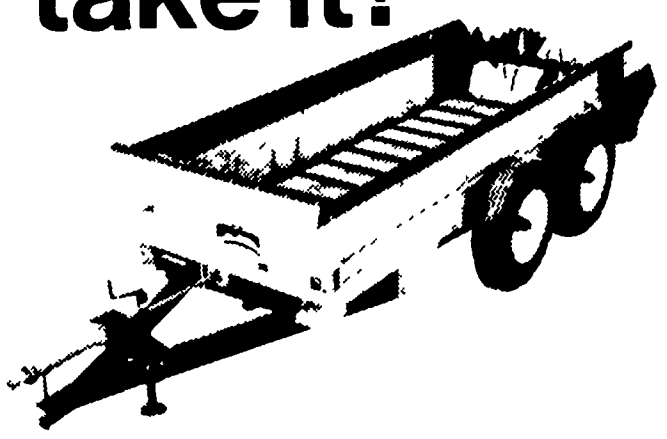

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Every New Idea spreader in the line has wood sides, bottom and end . . . because wood can take it. Wood battles against damage. Wood won't bend, can't rust . . . and fights corrosive acids better than any other spreader box material.

Warranty On Wood That's why only New Idea says, "In the unlikely event that any of the wood components in your New Idea Manure Spreader rot through, Avco New Idea will make replacement, no charge. Replacement will be made without cost to you, the original purchaser, at your nearby New Idea dealer . . . no charge for wood, no charge for labor or freight."

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CL-40 SMOOOOTH 40 H.P. WATER COOLED ENGINE

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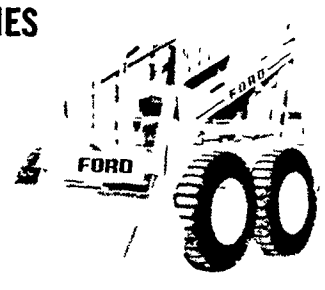

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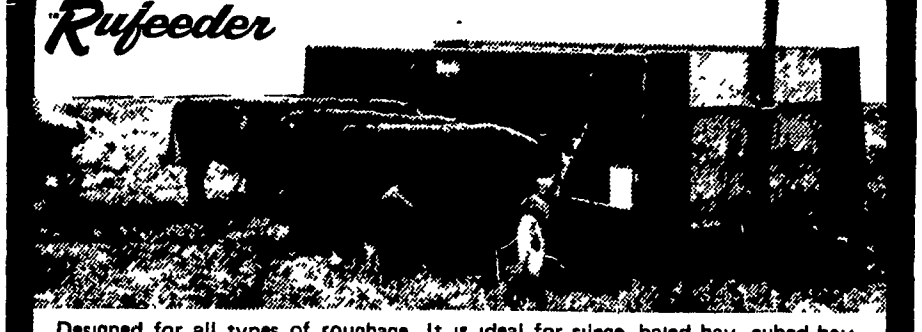

Designed for all types of roughage. It is ideal for silage, baled hay, cubed hay, ground hay, field green chopping and chaff. The new RUFEEDER is 20 feet long, and on a free choice basis can handle approximately 70 head. ●Feed capacity—375 cubic feet. ●Mounted on special low profile heavy-duty gear. Made of quality steel and treated plywood.

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HERMAN L. BASHORE
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Inter-State

[Continued From Page 1]

we'll get even broader participation, because we may need to justify our price to dealers. I assure you that any information our members give us about their income and production costs will be held strictly confidential."

Hand added that recent USDA actions had raised the milk price to the legally mandated 80-percent of parity level, and that the 1975 Class 1 price would probably average out to between $9.90 and $10.10. "But even this," he said, "is still less than what many of us feel is necessary for an adequate return."

In response to a question from a member in the audience, Hand said that there is currently an excess of milk in the U.S., and the federal government is buying butter, powder and cheese at the support level. "But the rate of government buying has slowed, and I expect we'll be in good balance sometime early this year," he commented.

One of the biggest problems the coop is facing now is the presence of antibiotics in milk. "We find from three to five of our members with antibiotics in their milk shipments every month," Hand said. "That is far, far too many, and we've just got to be more careful.

"The state recently cited an Inter-State milk dealer for violating the law against antibiotics in milk. But a justice of the peace threw the state's case out because it was poorly prepared. If they had won their case, the state officials said they would have seized all the dealer's milk that was in the stores, and all the milk that was in the plant.

"That kind of action, and the publicity about it, can ruin a dealer the same way it ruined the sales of canned mushrooms. And we cannot let it happen."

The problem of discovering the antibiotics in milk is that the test takes 12 hours to complete, Hand pointed out. This makes it impractical to test the milk from every farm or even from every tank truck. "We can't ask farmers or drivers to hold their milk for 12 hours while we're running the tests," Hand said. "The best way to deal with the problem is to keep antibiotics out of the milk. If you've had a cow that's been treated, hold her milk for at least two days. If we find antibiotics in a farmer's milk, our present system calls for suspending him for two days."

Besides Dr. Hand, the meeting heard from Associate Lancaster County Agent N. Alan Bair, Donald B. Trimble, who reported on young cooperator activities, J. Everett Kreider, who reported for the delegates attending the annual meeting in Philadelphia, and Robert McSparran, district 3 director. The meeting was chaired by Curtis Akers, district 3 president.

McSparran presented an award for 25 years of continuous membership to the Young Brothers Farm, Peach Bottom RD1. Ray Young accepted the award on behalf of himself and his two brothers, Henry and Earl.

Alan Bair told the group they should be looking for least cost rations to hold production expenses down, and to make the best possible use of home grown feed. "If you've got a cow milking 30 pounds a day, and she's eating good alfalfa hay, she may not need any extra protein," Bair said. "Your ability to produce top quality alfalfa is one of the best things you have going for you in times like these."

Bair reminded the group of the upcoming annual Dairy Day, set for March 4, and said that the milking school scheduled for February 5 and 6 has been filled up.

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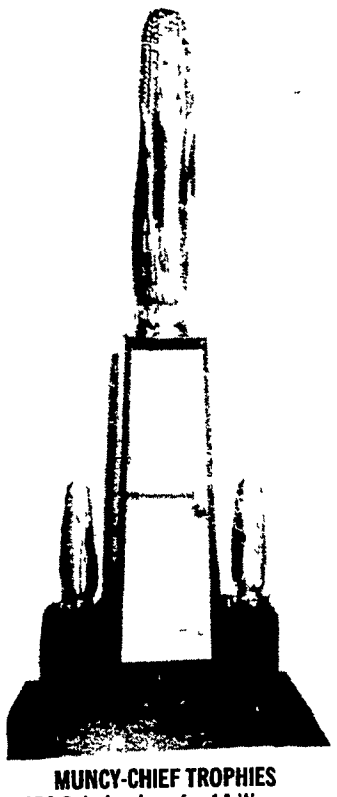
NC STATE 5 ACRE CHAMP Alma Davis Farms, Nakina, NC — Muncy Chief SX777 170.4 bu. per acre.

ANNUAL AWARDS



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Rohrer

[Continued From Page 1]

as many other conservation practices in 1974. In May, 1974, he built over 4000 feet of cropland terraces emptying into a tile line instead of a sod waterway. This project, on the Landis Weaver farm, Quarryville, R2, was the first of its type in the area.

Rohrer also recently completed construction of a two-acre lagoon with a dam breast 450 feet long and 20 feet high on the Henry Young farm, another first for the area.

As a land improvement contractor most of Rohrer's work is done in cooperation with the Soil Conservation Service (SCS) and the Agricultural Stablization Committee (ASC).

PLICA works with the Soil Conservation Service, Department of Environmental Resources, U.S. Department of Agriculture, and Penn State to bring its contractors information on changes in Pennsylvania's conservation laws and regulations.

TRY A CLASSIFIED AD!

Challenge of Feeding The Next 100 Million

"If the American farmer can get a fair return for his labor and investment, he will grow enough food for the next 100 million Americans, and there will be enough left over for export to the countries that can afford to by food," Dr. Gilbert Porter told an Agway production and management meeting on Tuesday in Lancaster. Dr. Porter is in charge of Agway's research and development operation.

Dr. Porter said the population in the U.S. is expected to go from its present 200 million level to 300 million people by the year 2000. He predicted that American agriculture would rise to the task of feeding those extra millions. "I believe the last quarter of the 20th Century will see more agricultural progress than we saw in the first 75 years of this century, remarkable as those years were," he said.

"Just since 1950 we've made tremendous progress. In 1950, the average milk production was 5300-pounds per cow. Today we get 10,300 pounds per cow. We got 172 eggs a year from our layers in 1950, and in 1974 we get 229 eggs. And those layers which used 5.2 pounds of feed to produce a dozen eggs in 1950 now need only 4.3 pounds of feed. Our average corn yields have gone from 38 bushels per acre in 1950 to 90 bushels in 1974.

"What king of progress do we need to feed the next 100 million Americans? Nothing unreasonable. We'll have to get an average of 15,000 pounds of milk from our cows, an average of 290 eggs from our layers, who should use 3.6 pounds of feed to produce a dozen eggs, and we should get 150 bushels of corn to the acre.

"We'll have a 40-percent increase in our population by the year 2000, so we need 40-percent more food. I don't think we'll have any problem meeting that need, provided farmers have an adequate profit incentive."

Dr. Porter went on to tell the 200 farmers in attendance that the relatively high standard of living in the U.S. was made possible by American farm families working in concert with the land grant colleges and agribusiness. He said the American capacity for food production represents the real power of useful knowledge in the hands of free, capable and dedicated people. And he concluded by saying, "There's a good future in farming for those who effectively use the tools of technology and good management. We're going to need good farmers if we're going to feed those next 100 million Americans."

Land Use Meeting Set For Harrisburg

A public citizen land use planning conference will be held for Southcentral Pennsylvania on Jan. 28-29, 1975, at the Penn Harris Motor Inn in Camp Hill. The Meeting, co-sponsored by The Pennsylvania Forestry Association and funded by a grant from the United State Department of Health, Education, and Welfare, is designed to provide the opportunity for any citizen to be heard on five subjects.

The five subjects and moderators for the program are as follows:

Land Use Control will be moderated by Mr. Peter S. Duncan, III, Executive Secretary of the Joint Legislative Air and Water Pollution Control and Conservation Committee. Heading the area on the Influences of Land Use on Environmental Quality will be Mr. Donald Osterling, Deputy Secretary of the Department of Environmental Resources and Mr. Leonard Green, Past Preisdent of the Federation of Sportsmen and the United Telephone Company of Carlisle. Mr. James Nelson of the Deparment of Environmental Resources, Forest Advisory Services, will moderate the area of Private and Public Land Usage.

Mr. Ed Stana of the American Forest Institute will moderate the area of Land Resources for Indsutrial Production and Energy, and the Panel will be closed out with Mr. Peter Carlussi of the Susquehanna River Basin as moderator of Flood Plain Management and Uses.

The Conference, open to and for the public, will be held the evening of January 28th, starting at 8:00 P.M. and concluding the first evening at 10:00 P.M.

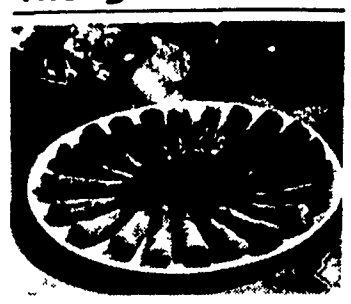
The second part of the Conference will be held on January 29th starting at 9:00 A.M. and running until 5:00 P.M. January 29th will be devoted to giving the public the opportunity to speak on the five issues being studied in the conference.

Anyone wishing to attend and speak can come and register at the Penn Harris Hotel the evening of January 28th at 7:00 P.M. No fee will be charged to those attending. Individuals attending will have the opportunity to break for lunch, but no organized lunch with speakers is scheduled.

The primary purpose of the Land Use Conference is to secure a "grass roots" feeling of the people in Southcentral Pennsylvania on Land Use Planning for the future.

For additional information, write to The Pennsylvania Forestry Association, 5221 E. Simpson Street, Mechanicsburg, Pa., 17055 or telephone 717-766-5371.

Thought For Food



Glazed Carrots

Scrape 2 doz medium young carrots, cook in small amount of water in covered saucepan 15 to 20 minutes until tender but not soft Drain Melt 3 tablespoons butter (or salad oil) in skillet, add ¾ cup brown sugar and 1 teaspoon aromatic bitters Stir well, add whole carrots, turning until well glazed. Keep heat low Remove from skillet, arrange on platter, add pepper to taste, fill center with parsley Yields 6 to 8 servings

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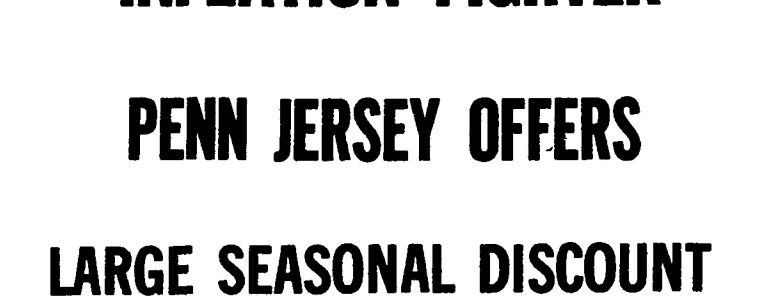

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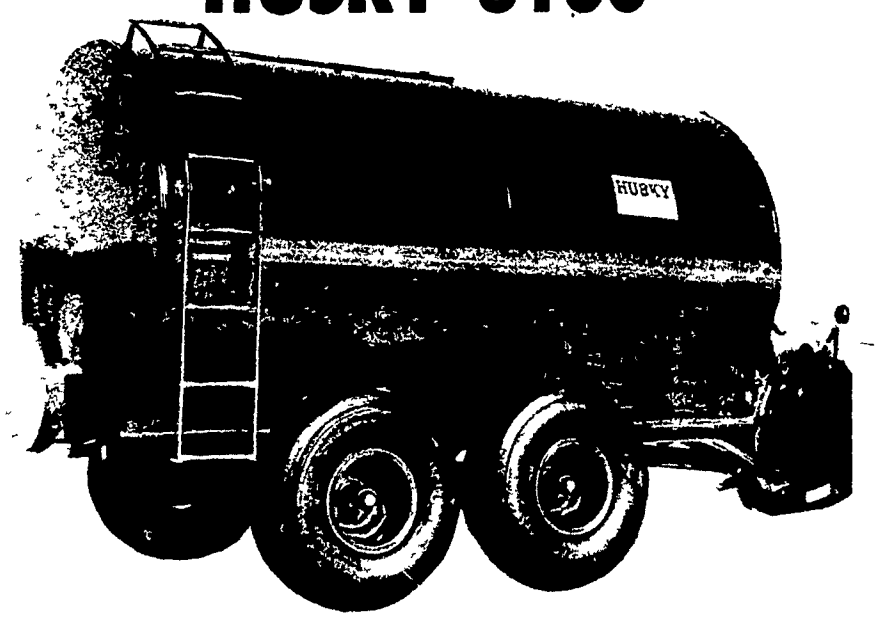

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For Sale - 1972 Artic Cat Puma Snowmobile very good condition, low miles. 717-653-5359

Wanted - Roll-Over plow 2 bottom for W.D. Allis Chalmers. Write Box 419, RD1, Spring Grove, Pa. 17362 or call 225-1045

For Sale - Proven Reg. Hampshire Ram $50.00. Call 215-267-6174

Heavy cook stove with warming closet. Jacob J. Fisher, Quarryville RD3, Hess Road.

For Sale - Chianina ½ blood Heifers & Bulls. Breeding age. Also Freezer Beef. Grain fed. Whole, half or quarter. Blevins' Fruit Farm, Stewartstown, Pa. 993-2885.

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For Sale - Reg. Holstein Dairy cows out of herd by owner. 717-354-9357

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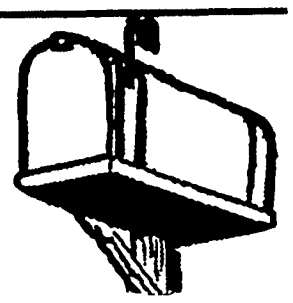
For Sale - Custom made 20" pickup cap. Fits GMC, Chevy wide 8' bodies since 1967, $100. Cast iron Mortician's table and equip. $495. Box 215, Barnesville, Pa.



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Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

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Six large springing holstein heifers. 1 mile south of Norman Wood Bridge Road. Edwin L. Poteet, Delta, RD2. Phone 717-862-3714.

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Mail Box Market

For Sale - 5 ton of good ear corn. $70 per ton at the farm. Phone 626-8181.

For Sale - Hundreds of Locust posts and cherry logs, Hackberry logs, one walnut log and one ash log. Moses M. Shirk, RD1, Columbia, Pa. Phone 717-285-5051

For Sale - Six-can milk cooler, 1¾ air compressor, Daniel E. Riehl, Leola, Pa., along E. Eby Rd.

For Sale - Gleaner combine, Model K, with 10 ft. grain and 2-row corn head, excellent condition, call after 5 p.m., phone 717-697-1366

For Sale - Five fresh holstein heifers also milk transfer system. John M. Stoltzfus, RD2, Narvon, Pa., Box 280, 17555. 2 miles Northeast White Horse on Blank Road

For Sale - Cornell Barn Cleaner, 160 ft. Also G.E. Range, eye level oven - good 20 gal. crock - 2 mags, 5-hole. (814) 642-7346 or 286-9197

For Sale - Two Red and White grade Holstein bulls. 9 month old. Also 1 four months old. Phone 367-3814

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For Sale - Ford 8N tractor with step-up gear in good condition. 1957 Chevy pickup truck step-side box and also topper to fit the truck. Truck needs minor repair and will sell topper separate. Call 717-933-8388

For Sale - 4½ ton steel feed bins also will pay for removal of about 200 chicken nests, some roll types Jonestown, 717-865-4932

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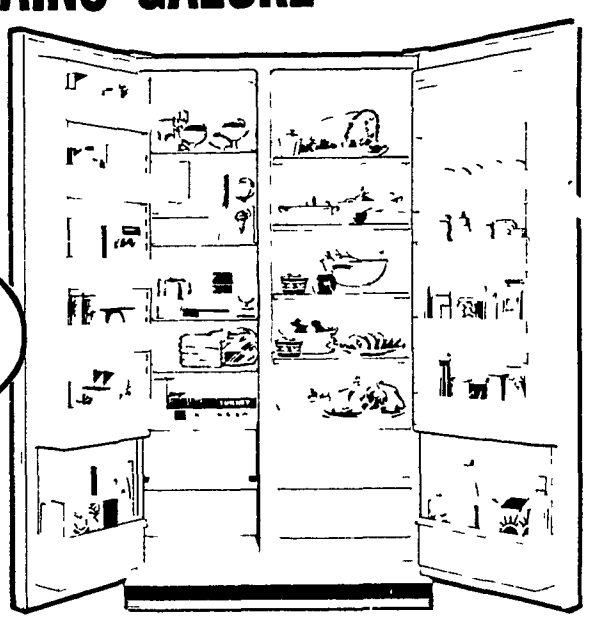

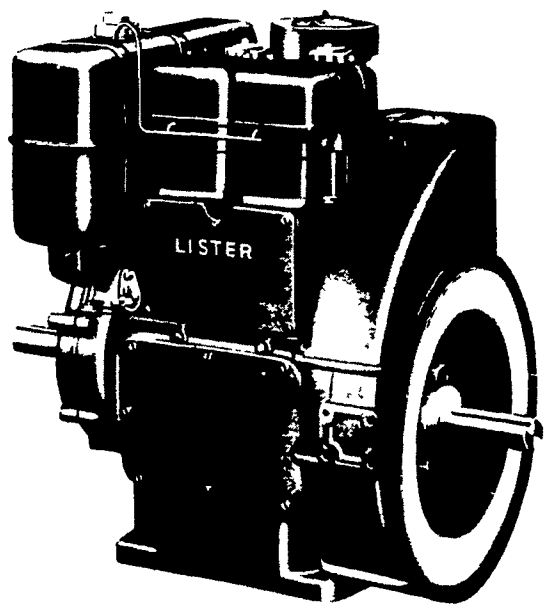

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For Sale - 467 Haybine used 2 seasons like new; Kesco Dumping Station Electro used one year, like new. Ivan K. Stoltzfus, RD1, Box 132. Narvon, Pa.

For Sale - Big gray mule works good on off side. John R. Glick, RD3, Quarryville, Pa. 1½ miles north of Quarryville.

For Sale - Set of New Good Year rear tractor tires and tubs on rims, 18-4-30, best offer. Call 717-354-9584

For Sale - Manure Spreader, New Idea with mechanical drive. New web - good condition $250. 215-495-7748

Wanted - Letz PTO Plate Mill or a portable hammermill. Lloyd Z. Martin, RD1, New Holland, Pa. Phone 354-8126

For Sale - John Deere 430 tractor with cultivators, in good condition, on steel. Call 656-9929

Wanted - Pair of 18.4 x 38" wheels or will trade for 18.4 x 34". Phone area 717-587-1271

For Sale - John Deere 14T baler with bale thrower. $250.00. Call 215-593-6452

For Sale - A family cow - Reg. Jersey fresh Oct. T.B. & Bangs certified Top-O-Hill Farm, 1208 Seeds Lane, Downingtown, Pa. 19335 215-269-0759

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For Sale - Sauder manure loader - fits Ford and Ferguson tractors. $175 or reasonable offer. Phone 215-267-2686

Wanted - Acetylene torch and welding kit, accessories, state make and price when writing to John Z. Burkholder, RD1, Box 234, Kutztown, Pa. 19530

Wanted - Litter carrier track will take out. Jesse Esh, RD1, Narvon, Pa. 17555

For Sale - New Holland 34 ft. Mow Conveyor; Oliver 89 Manure Load w-Hyd. bucket. 215-869-9243

For Sale - Like New Hesston Haybine PT7 7 ft. PTO or engine drive. Also good used 404 N. H. Crimper, w-engine mountings. Christian K. Miller, Box 350 RD1, Strasburg, Pa. 17579

For Sale - Case 310-B loader backhoe, engine completely overhauled, phone 717-442-8206

For Sale - Hampshire gilt, farrow Feb. 1, wheat, barley and straw, $40, phone Manheim, 717-665-4642

for Sale - Norge 36" electric range, needs two new burners, otherwise good, best offer, phone 717-626-6517

For Sale - One air compressor, $35, one Tender-Lean Holstein 38 cents a pound, phone 717-569-0700

For Sale - Quality alfalfa hay, without rain, call after 5 p.m., phone 215-445-6976

Lost - One 500-lb. Angus heifer in Quarryville area. For Sale - three sorrel mules, 1 pr. 4 yr. old, 1 odd mare, smooth mouth. Elam K. Fisher, RD3, Quarryville

For Sale - Ten Holstein heifers, due to freshen in 2 to 3 weeks, phone 717-865-3436, call after 5 p.m.

For Sale - 6 Farrowing crates, good condition. John B. Fisher, Quarryville, Route 3. ½ mile west of Georgetown.

Mail Box Market

For Sale - Holstein Bull, Sonaj Farm Prostar Prince, born 11-6-72, Sire: Mowry Ivanhoe Prince 1399283, Dam: Sonaj Farms Prostar Bess 6905148. This bull is a half brother to the world record cow. Donald E. Lutz, RD1, Mohrsville, Pa. PH: 826-3349

For Sale - (1) Round "Pride of the Farm" 12 hold pig feeder, like new. 60 bu. capacity, $175.00. Wilmer L. Shertzer, RD2, Box 90A, Columbia, Pa. 17512 PH: 717-285-4335

For Sale - Alfalfa Hay, $65.00 a ton. Corn $70.00 a ton. Phone 566-8752 after 4:30 and weekends.

For Sale - 500 bu. oats, delivered to your farm NOW. Call Anville 867-4016.

For Sale - Oliver raydex trailer plow. 2 - 14" bottoms. Fox F546 harvester with mounted feed table for setting up at silo. MC horse drawn cultivator. All in good condition. Christ L. Beiler, 68 S. Weavertown Rd. Ronks, Pa. 17572

Help Offered - 15 year old seeking parttime work on horse farm within ½ hour of Elizabethtown. Experienced in cleaning stalls, tack, horses, Ride English and Western. References. 367-1907.

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For Sale - White Rock Pullets 8 month old. Brahmans, Partridge rocks, White Wyandottes, in pairs and trios. Breed and raise your own. Harold G. Miller, RD1 Box 16, Myerstown, Pa. 17067

For Sale - 10 feeder pigs weighing 40 to 50 lbs. Reg. Aryshire cow fresh with second calf. Would make a nice family cow. Call 354-9887

For Sale - Corn Fed bulls 1 a holstein-angus cross weighing about 8 to 9 hundred pounds. Benj. B. King, RD2 Box 19A Maple Grove Rd., New Holland, Pa. 17557

Mail Box Market

For Sale - Timothy & Clover Hay (crimped). Phone 717-692-3934

For Sale - Dou-threm space heater, no power required to operate. Ideai for the shop, garage or outside buildings, $35.00. Also two 275 gal. oil tanks, $35.00. Also wheel driven manure spreader, very good shape, $150. Call 533-6793 or 838-4881

Buying - Obsolete Horse Machinery, mowers, plows, rakes, tedders, planters (corn, potato, etc.) Reapers, cultivators, harrows, etc. Write Robert Rauhauser RD1, Thomasville, Pa. 17364

For Sale - Home grown clover seed, $75 a bushel. Phone 1-529-2525. Kirkwood, Pa.

For Sale - Spring Holstein heifers. Aaron H. Glick, RD1, Gap, Pa. 17527, ½ mile south of 340.

For Sale - Shetland pony mare, grey with white mane and tail. $10.00. Call Schaefferstown 717-949-3259

Wanted to Buy - Registered Brown Swiss heifer calf born in Jan. 1975 for a 4-H project. Patti Heilinger, Newmanstown, RD1, Pa. 17073. Phone 717-949-3556

For Sale - Timothy Hay, $45.00 per ton, Phone 867-1445

For Sale - 3000 Ford - 32 hours, blade, up & down pressure, tractor fully equipped $5995.00. PH: 569-1008 after 4 p.m.

For Sale - 1 Holstein Heifer, just freshened, ready to milk, sired by Harrisburg Gay Ideal, 6 gas brooders, chicken feeders & waterers. Phone 717-432-3869

Help Wanted - Person for Dairy Farm Work, Experience necessary. House available. 215-589-2294.

For Sale - 1 pair Black mules, 4 yrs. old, good broke w-snap. Aaron K. Esh, RD3, Furnace Rd., Quarryville, Pa. 17566

For Sale - Corn sheller, small bench type, overhead garage door 7" - 8" w. Call 215-267-5796

Mail Box Market

For Sale - New Holland 66 Baler w-Wisconsin engine, engine in good condition. Baler needs work, $150. 215-376-7221 between 9 and 5 weekdays.

For Sale - Red Holstein Bull for Service also dressed beef on order. Israel F. Stoltzfus, Box 65, Kirkwood, Pa. 17536

Wanted - Jamesway LP Gas Brooders. 717-626-5555

For Sale - 40 ton second cutting alfalfa, crushed, no rain, top quality. 25 K. W. generator with 4 cylinder UD9 diesel engine. Generator? Engine excellent. Phone 717-252-1784.

For Sale - M-F Front and rear mounted cultivator. Wanted - Good used fuel pump for Oliver 77 - Diesel. Call 215-445-6067

Stud Service for Billie goat $8.00. Stud Service for A.K.C. Labrador Retriever, Keeshond, Alaskan Malamute, and Afhan Hound. Reasonable A.K.C. German Shepherd for sale. - 717-548-2146

For Sale - 1966 XL Ford, 2 Dr. Hardtop, Black, Bucket seats, automatic, extras radial tires, new exhaust system, no rust or dents, runs good. $495. Call 733-7576

For Sale - Hay Rake & Corn Binder for parts also 12 Ft. Hyd. hoses used very little $30.00. Free dog. Noah E. Hoover. RD1, Narvon, Pa. 17555 PH: 445-5738

For Sale - Chev. 4 speed Truck transmission in good condition, $20.00. Elam N. Zimmerman, RD1, Lebanon, Pa. 17042 717-949-3263

For Sale - Dairy farm in Morrisons Cove, Bedford County. 104 acres, cattle and equipment. Will sell separately. Phone 814-766-2723

Real Estate

FARM FOR SALE

30 acre Farm, new home, 4 bedroom, 1½ baths, full basement, 14 x 20 cabin in 1 acre woods, 2 large sheds, garage, large barn, cement floors, large pond, $25,000 our equity and assume mortgage.

Phone
1-717-922-1770

W. L. WINTERSTEEN
Swengel, PA 17880

BRADFORD CO. - 228 Acre dairy or beef farm, excellent 8 room house, good dairy barn, 70 acres tillable, balance woodland and pasture. Some timber. Write Box 222, Wysox, Pa. 18854

Mail Box Market

For Sale - 19 turkey crates for live turkeys, clean, good condition; also oat straw. Phone 215-269-2439

For Sale - Holstein heifers - fresh and close springers. J. Willis Hickman, RD1 Firethorn Farm, Lincoln University, Pa. 19352. Phone 215-869-2181

For Sale - Good wheat straw, 75 cents per bale. 717-569-1105

For Sale - 18 ft. Cattle Rack with Roof. Wanted - 16 ft. grain bed with hoist. Call 717-949-6823

For Sale - Service age Chester White boars; sired by $1500 Secritariat Reserved Champion Missouri State Fair '73. Delivery available. Contact: Ed Hildebrand, RD3, Box 383A, Dillsburg, Pa. 17019. Phone 717-766-3083

PSU Research Correlates Bone Size, Meat Quality

According the a research project at Penn State, cattle vary widely in the dimensions of their cannon bones. And, according to Drs. L. L. Wilson and J. H. Ziegler, Animal Science Department, much of the differences observed in cannon bone dimensions are inherited. More results from this and other projects will be released at Livestock Day to be held March 4, at the University Park campus

Detailed measurements of cannon bones have been recorded on over 800 cattle resulting from a cooperative production - research program conducted at the State Correctional Institution at Rockview, Bellefonte, Pa Many different measurements, including length, width, and the thickness of the cavity inside the cannon bone have been recorded during the term of the project. The bone characteristics most highly heritable are length, and thickness Density of the bone did not show an inherited tendency.

The area inside the bone was also of moderate heritability All of the sires of the calves measured in the study were sired by Polled Herefords and all of the dams were Angus-Holstein crossbreds

TRY A CLASSIFIED

A WARNING

A serious depression is certain, most likely very soon. A drought is most likely because it is our turn. The two together and you're in trouble, using chemical fertilizer which burn your crops in drought. AGRISERUM promotes billions of earthworms, microorganisms, soil bacteria to make spongy, waterholding soil, and high natural fertility to save money later when you don't have it. Agriserum also makes enormous roots to go down for moisture stored in the earthworm holes in the subsoil. Excellent proof in dry areas last year. Write to me for testimonials. By regular use of chemical fertilizer your yield will drop sharply by its omission when you can't afford to buy it in a depression, neither do without the yield. Agriserum and my other natural soil builders average only a few dollars an acre and give long lasting results by aiding nature which is designed for perpetual life on its own feet. Be wise. Plan ahead. Cooperate with the great life giving force and source - nature. Counteracting it is expensive. It will break or cripple you soon. Remember that!

I have markets for high profit dried medicinal herbs, vegetables, open market or contract, organic or regular, at good prices. One company says no refusals late season, demand exceeds supply. No excuse for risky meat production. And what would you say if you caught your boys growing unhealthful drug dope in the backfield when you grow another brand in the front? Eli Stoltzfus, 69 Strasburg Pike, Lancaster, PA 17602

Lancaster Farming Photos for Sale

If you'd like prints of any Lancaster Farming photographs, we'll be happy to make them for you. To order, just complete the form below and mail or bring it to: Photo Department, Lancaster Farming, 22 E. Main St., Lititz, PA 17543

The photo I want appeared in the Lancaster Farming dated_____

_____ It was on page_____, and the caption begins _____

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I would like to order the following prints:

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_____	4x5	$1.50	_____
_____	5x7	2.00	_____
_____	8x10	2.50	_____
		TOTAL ORDER	_____

(Please add 6% Pa Sales Tax)

Please send remittance with order Allow 10 days for delivery

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Street _____

Tow _____

State _____ Zip _____

classified ads

PHONE 394-3047 or 626-2191

Real Estate

REAL ESTATE FOR SALE

York County: 105 acre farm with a 20 x 55 and two 12 x 50 silos, loafing barn, auger bunk feeder, real nice house and stream Only $120,000.00.

Columbia County: 70 acre dairy farm with 42 stanchions and silos. Only $68,500 00.

Also 25 acre general farm with road front and pond, and 3 unit apartment.

80 Acre General Farm.

Mt. Joy: 40 acre steer farm

JOE ZIMMERMAN, AGENT

WITWER REAL ESTATE

Ephrata, PA

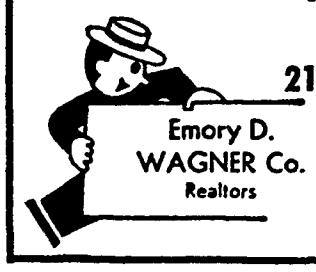
Phone: 215-267-7963

"AMISH FARM"

STRASBURG TOWNSHIP

65 acre farm suitable for steers and hogs or conversion to dairy set up in large frame barn. 52 acres tillable, 5 bay pole shed with corn crib, tobacco shed for 5 acres, remodeled 2 story frame farmhouse with 6 rooms & bath.

$139,500.00



215 West Fourth Street

Quarryville, Pa. 17566

(717) 786-2131

DAIRY FARMS

55 acres in Lebanon Co., 32 stalls, bulk tank, barn cleaner, loafing and calf pens. All buildings and equipment in excellent condition. Stone house built in 1900 with attached summer house. Modern conveniences. 4 acres meadow with stream thru farm, also 3 acres woodland.

93 acres in Northern Lancaster Co. 40 x 90 concrete block & frame barn built in 1968, 40 stanchions, 2 silos, sand soil, 15 acres meadow, over mile of road frontage. Wells & running water. 30 x 36 log house in good condition.

148 acres in southern Lancaster Co. 40 stanchions, 40 x 100 stone & frame barn, Harvestore, corn barn, tobacco shed. 8-room house in good condition with 7-room tenant house.

STEER FARM

100 acres or more in Bedford Co. 60 acres tillable, 26 A. meadow and 14 A. woodland. Has a beautiful 2-story house with many extras. 40 x 80 barn, wagon shed, corn crib, 2-car garage. Priced reasonable.

GENERAL FARMS

83 acres near Hershey, PA. No buildings. Good elevation. Some woodland. Owner anxious to sell. Let us show you this farm and make offer.

30 acres in Bethel Twp., Lebanon Co., 10 acres meadow, 2 A. woodland. Frame barn 55 x 33. This property also contains brick mansion with 5 apartments, brick mill & carriage house. Has 2 wells and spring. Call about this unusual property today.

131 acres in Bethel Twp., Berks Co. Limestone soil, 3 acres fruit trees. Large barn and double house with conveniences. 2 wells & streams. Has road frontage.

We have land in Adams Co. at $1100 per acre located just off new Route 15 at Gettysburg. One estate of 300 acres (100 acres woodland) and the other property consists of 100 acres with brick house built in 1900 in good condition.

CHRISTIAN M. MOSEMANN

REAL ESTATE BROKER

734 Main Street, Akron, Pa. 17501

Phone 859-1004

Real Estate

FARM FOR SALE

LEBANON CO. — 40 acre dairy farm North of Palmyra along the Swatara Creek. Good fertile land, pasture, spring fed pond. Large 4 bedroom frame house in good repair with hot water baseboard heat. 30 stanchion barn w-cleaner, milk house, block implement shed, 2 story block chicken house, drive-in corn barn. Real value at $79,900. Call owner 717-272-4807

Wanted - Person to remove barn 40x90 ft., plus two small out buildings. Can have lumber for removing. Located at Shillingtom, Berks, Co., Pa. 717-872-2918

For Sale - Perry Co. dairy farm, 52 cow barn, Harvestore, pipeline milkers, 8 room house. Asking $129,000.00 with cows and farm equipment $175,000.00. Quick possession. Phone 717-582-4598

Real Estate

186A new 47 cow barn, good house $80,000.00.

229A limestone, 68 free stalls, 20x70 and 16x60 silos. Modern brick home.

265A all new 100 cow barn, large stone and frame home.

220A Level limestone, 106 free stalls, a show place.

48A 70 comfort stalls, 25x80 and 20x70 Harvestores.

115A Limestone, stone mansion ready to restore, nice pond.

76A General farm, good buildings, pond, $59,500.

132A crop land, no buildings.

215A 50 cow barn, silo, good house $110,000.

BLUE BALL REALTY
Blue Ball, Pa.
717-354-4536

Wanted to Rent - Pasture for beef herd year round desired. 90 to 200 acres, must have good water and good fences. Call 215-388-6119, Chadds Ford, West Chester Area.

FARM FOR SALE

300 Acre, Level Land, Modern Dairy Farm with 6 silos including one 25x80 Harvestore, milking parlor, 2 bulk tanks, pipeline with milkers, 200 free stalls, 200 foot bunk automatic feeder

Located on Eastern Shore of Maryland

Financing available

COOPER BARRELL REALTY

Chestertown, MD

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Evenings call C. F Beiler

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110 ACRE PERRY COUNTY FARM

- 106 Acres Tillable
- 2-10 miles Road Frontage
- Dairy or Beef Farm
- Buildings in Excellent Shape
- 7-Room Brick House w-New Hot Water Heating System
- Walk In Basement
- 1½ Baths
- 2 Fire Places
- Modern Kitchen

$80,000.

AVAILABLE UPON SETTLEMENT

Financing Available With Reasonable Rate

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Real Estate

Farm for Sale consisting of 100 acres more or less, 2 large houses, new barn and implement shed. Running water in barnyard from a spring. Lot of road frontage ¾ miles. See Howard Snyder, Red Lion, Pa. RD1.

Try A Classified Ad It Pays!

Pets

Reg. Australian Shepherd pups born 12-26-74. Out of working parents. Stud service. Bell's Cody. Penny Bell, RD3 Elmer, N.J. 08318 609-358-8589

For Sale - Alaskan Malmute Puppies. Jacob K. Esh, Furnace Road, Quarryville, RD3, Pa.

141 ACRE FARM - TIOGA CO.

9 room, 4 bedroom house with fireplace in excellent condition. New pole barn - 60 x 80 ft., new chicken coop, another barn in very good condition 30 x 60 ft.

3 ponds, 3 springs, spring improvement, new fencing with 12 aluminum gates.

This property could be developed or used as a hunting lodge. Owner must sell $84,800.00.

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REAL ESTATE AGENCY
Robert E Dalton, Broker
717-638-2121 — 248 Main St., Blossburg, PA 16912
Larry Manikowski, Realtor Associate
717-638-2318

A MONEY MAKER

100 acres located West of Millersville South of Rt. 999.

A complete modern dairy farm with 9 buildings and homes used with the function of a dairy operation on sand loam and limestone soil.

A tunnel is used under the highway leading to the lower meadow.

This is one of the best kept modern dairy farms in Lancaster County with over 350 head of beautiful dairy cows.

Sewer is also available on the larger portion of ground.

This beautiful money maker can be bought for $3,000. per acre.

Call:

CLABELL REALTY COMPANY

717 Old Hickory Road
Lancaster, PA
Phone 717-569-5329

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FULL SERVICE REALTOR

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Corner of Route 41 and Route 1 By-Pass

CHESTER COUNTY

35 gently rolling acres convenient to Route 273 (Maryland), overlooking the Northeast Stream with approximately 1,500' of existing road frontage - **$75,000.**

61 Acres, House, Barn with pipeline milker, new loafing shed, 2 silos w-unloaders and automatic feeders - **$145,000** - Additional acreage available at $2,200 per acre.

95 Acres, Restored Chester County Farmhouse, large barn with 100 stanchions, loafing shed, 2 self-unloading silos with 100' feeder - **$200,000** with Owner Financing Available

104 Acres, 4 BR House, and Barn suitable for horses or steers, fronting on Buck Run, 50 acres of cropland, balance in pasture and woods - **$160,000.**

117 Acres, convenient to Rt 472 Exit of US 1 By-Pass, with 5 BR Rancher, modern milking parlor, feeding and loafing area - **$210,000** Good terms and an April 1st Possession

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Anytime
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Ceramic tile, seconds ideal for cow stable, trough and milk house walls.
ESCH FLOOR COVERINGS
½ mile North of Bird-in-Hand, on Beechdale Road

WOOD SHAVINGS. Ideal for work-ways and bedding. $15.00 per ton picked up or bulk load at $150.00. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

Cash For Pups
I need Purebred and cute mixed litter lots,7 to 10 week old. Clean and healthy. Contact "Jo Jo the Dogman" at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 5 p.m. to 8:30 p.m. No Phone Calls.

For Sale - Sawdust, trailer loads, 1,500 cu. ft. $50.00, 20 mile radius delivery charge - $25.00, over 20 miles add delivery charge $1.00 per loaded mile. Phone 717-867-2212, Walter H. Weber & Sons, Rte. 241, Mt. Wilson, Pa. 17042

Rubber Stamps Made to Order Ink Pads Available.
Richard D. Mylin
RD2
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Notice

NOTICE
After January 30th, new telephone number for
MYLIN R. GOOD
Livestock Hauling
717-653-5841
Mount Joy RD2

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Locust Posts.
1 x 6 Fence Boards
Oak, Poplar, Walnut and Wild Cherry Lumber
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HORSE and MULE AUCTION
AT NEW HOLLAND SALES STABLES, INC.
New Holland, PA

FRIDAY, FEB. 7, 1975
7:00 P.M.

At this sale, we will have well mated good broke teams of draft horses and mules
Also Standardbred Driving Horses
Consignments by Ike Wright, Steimer Bros., Paul Hardy, Job Stoltzfus and Norman Kolb
For more information to buy or sell at this sale call

Office 717-354-4341
Norman Kolb 717-397-5538 or
Abe Diffenbach 717-393-4464
Abe Diffenbach, Manager

Help Wanted

HARVESTORE SALES REPRESENTATIVE

Sales representative calling direct to farmers, feedlot planning, animal rations, nutrition, agricultural sales. Company benefits provided.

CALL

PENN-JERSEY HARVESTORE
P.O. Box 91 New Holland, Pa. 17557
717-354-4051

Couple - Caretaker Manor House Southeastern Penna. Assist farm manager during crop season. All modern laborsaving equipment. No livestock. Wife can earn separate income assisting light household duties. Answers held in confidence. State full details age; experience; salary; availability, etc. Write Box 266A, c-o Lancaster Farming, Lititz, PA 17543

Help Wanted: Farm help wanted for small dairy and general farm near New Tripoli, Lehigh Co. Experience, Large home and benefits. Write Box 266 H, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Help Offered

Man, wife and 15 yr. old son looking for job in dairy, poultry or swine. Have some experience in all. Man and wife will both work and son will work in spare time. Must have housing, garden and fair wage. Phone 1-717-566-3544

Trucks

For Sale - (1) 1967 G.M.C. 1 ton truck with 10 ft. cattle body. Also a cattle body for a pickup truck complete with roof. Phone 717-548-2369

Help Wanted

SALESMAN

Wanted: Aggressive salesman for young and rapidly expanding manufacturer and distributor of PRO-SIL, a highly specialized liquid cattle feed. Degreed applicants (possibly with feed sales background), should have a strong desire to help cattlemen and dairymen succeed by improving their feeding operation with the use of PRO-SIL and high corn silage feeding programs. Proven in years of research testing, liquid PRO-SIL is part of a dynamic marketing and sales effort in a number of mid-western and eastern states.

Our men must be ambitious, self-starters with flexibility to lean and sell revolutionary concepts and programs in the farming community. This is a wide open opportunity with a fast moving and stable young company. Positions now available in Michigan, Indiana, Ohio, Penna., New York, Iowa and Nebraska.

Starting salary based on experience and references. For more information, please call Jerry L. Williams, 717-626-1026. All replies confidential.

Help wanted on a Registered Holstein farm in York County. Main job would be crops, livestock and maintance. Top wages and benefits for a top man. House available. Call 717-428-1865 for information.

Help Wanted - Man to work with breed sow herd and general farm work. Experience with animals helpful, house can be made available. Call 717-665-3248 after 5.

Help Wanted - Experienced dairy herdsman, wanted for a modern dairy system with high production herd. Modern, large farmhouse, fringe benefits, plus bonuses. Regular time off plus paid vacation, good wages, References required. Char-Nan Farms, 1440 Bollinger Rd., Westminster, Md. 21157, phone 301-848-2561.

Married man experienced in general farming and dairy, modern milking parlor, 2 bedroom house available. Call Columbia 717-684-2828

Custom Work

CUSTOM HAULING
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COMMODITIES
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Yorkshire and Duroc Service Boars. Delivery available.
LEON L. ARNOLD
Lebanon, Pa. 17042
Phone: 717-273-5880

Wanted - Simmental Cross Cows or Heifers. Phone 215-367-6160 after 6 p.m.

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Feed & Seed

Wanted to Buy - Feed Wheat, Barley, or Rye. Phone 442-4632 daytime.

For Sale - Tipp 333 Feed, 2 ounces per day for better hooves, better appetite. Extra staying power 30 lb. pail $36.00. Accompany payment with order. Noah E. Hoover, Narvon RD1, Pa. 17555. Phone 445-5738

Certified Seed Potatoes
METZLER POTATO COMPANY
Call Lancaster
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or
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or write
Box 151, RD1,
Columbia, Pa.

Livestock For Sale

Registered Hampshire, Yorkshire Boars, Corriedale, Southdown Rams. Hay and Straw. Preston Bankert, RD3, Red Lion, Pa. 717-244-1244

For Sale - Chester White and Poland China Service age Boars and Gilts. James Parlett, Airville, Pa. Ph: 862-3610

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2, Strasburg, Pa. 717-786-2562.

Purebred Duroc Boars, Service Age, 3 excellent bloodlines with fast rate of gain. Registration is available. Phone 717-733-6694

For Sale - Fresh Holstein cows or first calf heifers. Registered and records available. Willard Hamm, RD1, New Tripoli 18066, phone 298-3931.

Chester White service boars, same breeding as 74 National Barrow Show Fourth place overall Chester Carcass. Herb Schick, RD2, Kutztown, Pa. Phone 215-285-6519

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Livestock For Sale

Wanted to Buy - Puppies, 6 to 9 weeks old, in litter lots Pure breeds and half breeds. Cash money paid. Will pickup every Friday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, Pa. 19140 or call before 8 p.m. 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

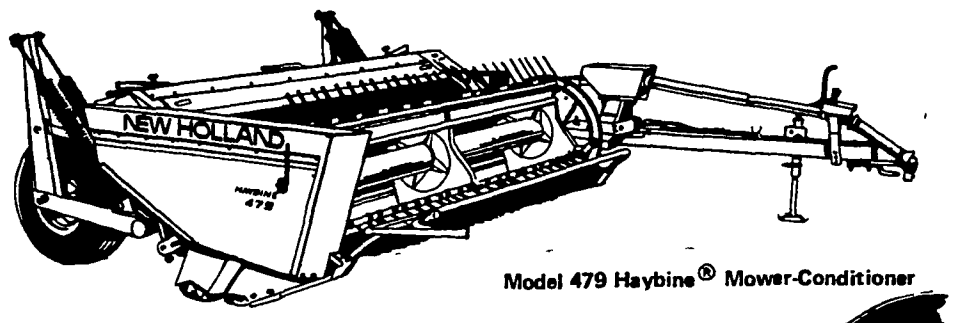
J. C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and Shrubbery spraying. Free Estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722

Purebred Boars and Gilts. Daily gains and days to 220 pounds are available. Confinement raised. Carcass Champions at recent Keystone Expo and Eastern National Livestock Shows. Dutch Valley Farms, RD5, Manheim, Pa. 17545, Mark Nestleroth 717-665-6220.

For Sale - 7 Registered Holstein Heifers. Most of them due in Feb. Good pedigrees. Sires include Ivanhoe Star, Jack, and Complete. For more information call Clarence Martin, Sinking Spring, Pa. 215-678-7813

Wanted - Beef Cows NOT BRED Polled Hereford or charolais. Phone 215-367-6160.

WAIVER OF FINANCE UNTIL APRIL 1, 1975



Model 479 Haybine® Mower-Conditioner

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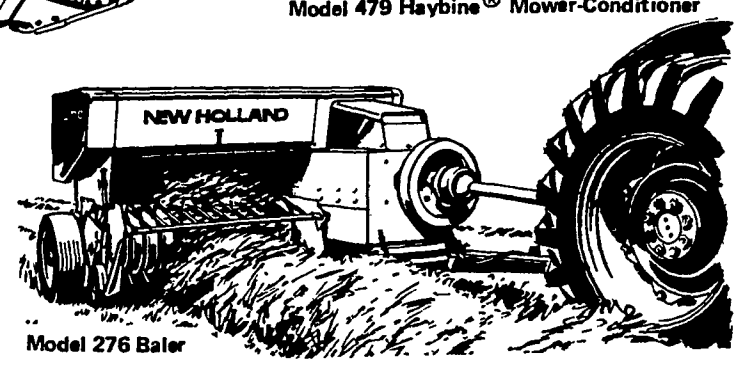
RAKES
MOWERS



Model 276 Baler

WINTER BUYERS DIVIDEND ON ANY BALER OR HAYBINE BOUGHT IN JANUARY. YOU WILL BE PAID $60 DIVIDEND

TRACTORS
Farmall Super C - Fast Hitch
International 354 - 3 pt Hitch
Ferguson 30 - 3 pt. Hitch
Massey-Ferguson Super 90 Gas
Ford 8N 3 Pt. Hitch

USED CARS & TRUCKS (LIKE NEW)
(1) 1974 Scout 800 4 x 4 (7000 miles)
(1) 1972 Travelall Model 1110
(1) 1962 Scout 80 4 x 4
(1) 1973 Chev. Impala

USED EQUIPMENT
NH 300 Spreader
I.H Ground Drive Spreader 50 Bu.
9 ft. Offset Disc
9A Disc - 8 ft.
(2) 32 Transport Disk Harrow
(2) IH 650 Harvester w/screen
NH 717 Harvester w/1 row head
(2) 401 - 12 ft. Spring Harrows (Like New)
Oliver Plow 3 Bot 14"
2 Elevators 24' & 30'
I H. #10 Grain Drill
Fox Harvester IF 546 2 Row Wide
N H. 470 Spreader (Single Beater)

JANUARY SPECIAL
(1) USED GRAVITY BOX

WATCH FOR OUR SALES DAYS FEBRUARY 10 thru 15

MESSICK
FARM EQUIPMENT INC.
2750 N. Market Elizabethtown, Pa.
Phone 367-1319
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Livestock For Sale

FOR SALE
Dairy of 35 Head Holsteins

19 are Registered, balance Grades, all young with good udders including fresh cows and 18 bred back for Summer and Fall freshening.

Majority Sire Power - Canadian Bloodlines.

D. O. ROCKWELL
Troy, PA
Phone 717-297-3460

Reg. Ayrshire bull, born 9-29-73 Sire-Oak Ridge Kelstar; dam Donholm Commander's Victory dtr. 2 yr. old 14,589M, 555 F; 3 yr. old 15,358M, 582F. John W. Bell, RD3, Elmer, N. J. 08318, 609-358-8589

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

CHAROLAIS

Calves from the bull you use this year will be sold in 1976. Things should be better then, but good or bad, you will want the most dollars possible per calf. Calves from one of my Performance Tested Purebred Bulls will bring you $25-$50 more per calf. Charolais now more than ever.

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Services Offered

All income tax filing - specializing in home farm business. Will perform complete services, your home or mine. Phone 626-0058 after 5 p.m.

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Ph. 717-442-8206

Carpenter work. Will build houses, pole barns, cow barns, chicken houses. Will do all kinds of concrete work. Write Samuel S. Lapp, Christiana, Pa. Box 388, 17509. Call driver 717-529-2292, 295-384-2415.

Cow clippers repaired, blades sharpened. Used Clippers for Sale. Don Lohr, RD6, Lancaster, PH: 717-872-5503

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We can dress, cut and wrap your beef or hog to your specifications, ready for your freezer. Old fashioned pudding and scrapple, wood-smoked sausage, dried beef and homemade bologna.

We also have live cattle for sale, direct from our farm.

Located 2 miles west of Leola on Snake Hill Road.

EMMANUEL & DANIEL Z. STOLTZFUS
RD1, Box 233,
Bird-in-Hand, Pa.
Open
7 to 7 on Weekdays
Sat. to 4 P.M.

Dairy Equipment

3 USED BULK PICK-UP TANKS
1969 White - 3500 Gals. Tandem
1969 White Tractor - 3200 gal. Trailer
1960 International - 2,500 gal. Tandem.
IDEAL FARMS, INC.
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For Sale - 600 gal. bulk milk tank used less than two years with 4 H.P. compressor. Argyle Brickley, Jersey Shore, Pa. 17740. 717-398-2090

For Sale - Double 4 Surge milking parlor; Agway jet water pump, Oliver 3 point corn planter. Phone 215-273-3062

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Farm Equipment

Tractors - Oliver 1950-2050-1800-1850 -1600-1650-550 - 880-770-440-55-77 - 88 & 66. John Deere 4010-3020-3010 -2010-2510-2010-630-435-1010 - 440-70-50-520-1020-420 & 530. Ford 8000-6000-5000-4000-3500-800-900 & 600. Massey Ferguson 165-150-178-2200-590-85-65-50 & 35. Case 1030-830- & 730. Moline G1000-602 & 55 Star. Allis Chalmers, Farmall, Deutz & David Brown and many more not listed. 15 Tractors with Loaders & Backhoes. 10 Skid Steer Loaders. 5 Grinder Mixers New and Used Manurea Spreaders, Mounted and Trailer Plows 1-6 Bottom 2-3-4 Bottom Rollover Plows and Disk Plows. Belt Elevators, Fert. Spreaders, 2-4-6-8 row corn Planters, Disk Harrows, Culti-mulchers, Culti-packers, Graham Plows, 2 & 4 row Cultivators, Wheel Rakes, Elevators, Blowers, Roto Bar Rakes, Road Graders, 4 Wheel Pay Loaders, Fork Lifts, Tranchers, Crawler Tractors, Portable Welder, 2 & 3 Point Scraper Blades, Snow Plows Snow Blowers, Tractors with Loaders. Hundreds of Wheel and Crawler Tractors.

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Intersection of
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(New) 224 New Idea Manure Spreader
Large selection of used PTO Manure Spreaders.
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RD4, Lebanon (Fontana)
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500 gal. Esco, good cond., with compressor;
300 gal. Girton milk tank, good cond.;
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RD1, Kinzer, Pa.
Ph. Interstate 768-8228

For Sale - Deutz Diesel Engine, 200 horsepower, at 1,800 RPM, V-12, model A-12L614, with clutch, Aircool engine, Ideal engine for saw mill, phone 301-465-4375

Dairy Equipment

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1000 gallon DeLaval with washer, compressor $3500.; 250 Mueller $475; 225 Esco self contained $475.; 300 Girton self contained $300.; 3-HP Belt Driven compressor less motor $75.;
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A & B Sales
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17055

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Farm Equipment

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Division of Hesston Corporation
FORAGE HARVESTER SPECIALISTS
FACTORY DIRECT SALES-PARTS-SERVICE
North East U.S. Largest Retail Forage Harvester Outlet.
"The Best of the West Now in the East"

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Case W10 Diesel, 4WD Loader, 1½ yds., Ex. Cond.
Fox 7 ft. direct cut head $1,500. worth new Fox Parts
1973 Fox 3000, PTO, 1000 RPM, Chopper, rebevel grinder, 3RN, Grass Pickup, used 1 season.
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Hesston 200-100 PTO Chopper, WPU, 2 RN Heads.
Fox Super D Det. 4-71, 3-30 SOLD Head Mo. 203, WPU Model 476.
IH 50 P.T. w-2 RW $700.
Fox Super D, 504 CID, Cummins, V8 Rebevel Grinder, Choice of Heads.
IH 550 2RN & W.P.U. good cond.
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Fox SPF self propelled, 2 RW and WPU, priced right.
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1974 Field Queen Demo. 46 hrs. 210 H.P. Cat. Diesel, Cab, choice of heads, new warranty.
Fox Max 1, Cab, Det. 671, Hydro., Choice of Heads.
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Windrow Pickup Head to fit IH 50 thru 650 Choppers (like new).
S.D. Wagons in stock.
(3) 1975 Field Queens
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Also Choice of New Heads in Stock

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N.H. 68[illegible]69 Balers
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Starline and Hawk Tank Spreaders
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Woods Rotary Cutter
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NEW FORD SPREADER TRUCK, new Willmar and boom type spreaders and a few used ones in stock. C. U. Stoltzfus Mfg. Inc. Box 296F, Morgantown, Pa. 19543 215-286-5146

Farm Equipment

Some New Pieces of Massey Ferguson Equipment in Stock.
New Gehl CB 600 Chopper
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New Lamco Forage Boxes
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New Wisconsin THD Engine for Baler, Special Price $425.00

USED EQUIP. SPECIALS
Case 350 Tractor
Case 220 Balers
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Forage Box
New Idea Spreader 165 bu.
New Idea Corn Sheller
New Idea 760 Chopper
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(4) Case 580 CK Backhoes
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D 4005 Deutz Tractor (like new) $3500.
Used M.F. 65D $2350.00
Rebuilt Deutz F 4L-91[illegible] Diesel Engine 60 to 8[illegible] H.P.

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Ph. 717-354-4181

12 ft. John Deere Wheel Dis and 12 ft. Brillio Cultipacker. Call 717-733-013

WHITE
Farm Equipment

NEW EQUIPMENT
Oliver 1265 Dsl. Utl. Tractor
Oliver 1365 Dsl Utl Tractor
Oliver 1465 Dsl Utl Tractor
Oliver 1655 Dsl Tractor
White 348 4B SAR 3 pt Plow
White 508 5B SAR Semi-Plow
White 508 4B SAR Semi Plow
Brillion 10 ft Pulverizer
Brillion 9 ft Chisel Plow
Kubota L-260 Dsl Utl Tractor
Kubota L 175 Dsl Utl Tractor
Pittsburgh 10 ft Wheel Disc
Pittsburgh 2B 12 3 pt Plow

USED EQUIPMENT
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Oliver 77 Gas
Oliver 66 Gas hyd
J D 60 3 pt Hitch
Oliver 365 3B Cush Trip Plow
Oliver 361 2B Cush Trip Plow
Oliver Plowmaster 2B Trailer
Oliver 312 2 row Corn Planter
New Idea Rotary Cutter

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All of the above with rotary mower

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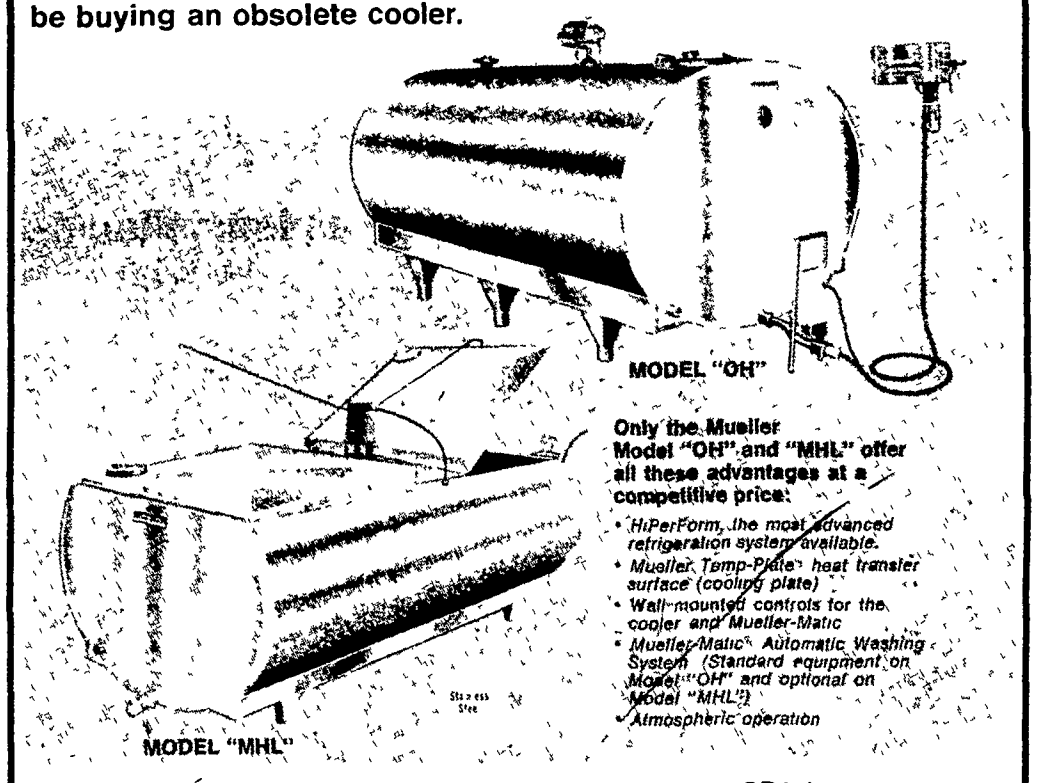
Big $$$ Savings on New & Used Bulk Tank Installation and Discounts on All Dairy Equipment

The Mueller Models "OH" and "MHL" with HiPerForm make all other bulk milk coolers obsolete.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller Models "OH" and "MHL," you may be buying an obsolete cooler.



Only the Mueller Model "OH" and "MHL" offer all these advantages at a competitive price:

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- Mueller Temp-Plate heat transfer surface (cooling plate)
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425 gal. Esco
New 18 can (Can Coolers)
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150 gal. Mojonnier
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Farm Equipment

One Kesco Milkmover with automatic washer, used two yrs. $750.00.

Two Surge Vacuum Pumps with electric motors $250.00 ea.

Two used Badger liquid Manure Pumps for 10 ft. pit. $850.00 for one and $1250.00 for the other.

One used Badger Forage Wagon with 8 ton gear, roof and rear unloading att. $1250.00.

We also have new DeLaval Manure pumps with 20 Percent Discount, and new Badger Equipment Available.

Two new Demonstrator Badger forage wagons - one with high sides and roof, the other with 4 ft. sides and no roof. Large discount.

We are also agents for Madison Silos, Badger Equipment, DeLaval Dairy Equipment.

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North East, Md
RD#1 - #210
Located at Zion. Md.
2 mi. South of Pa. Line on #272.
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Farm Equipment

For Sale - N.H. 275 Baler, like new, used 2 years; J.D. horse spreader on steel; New Idea roller bar rake; Leroy 50 h.p. engine w-reduction gear; Jamesway and Louden litter carrier; Antique milk cans, etc. Phone Tom Wheary 717-687-6553

1701 Hydraulic Loader w-Hydraulic Dump Bucket.
IHC 9A 28 Disc Harrow
550 Int. PTO Spreader w-hyd. end gate.
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New and Used Hammer Mills and Mixers
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New Holland — Case — David Brown
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Tractors from 18 H.P. to 100 H.P.
Case 970 and 1030, David Brown Model 990
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I.H.C. BN - Super C
Haybines: N.H. Self Propelled Model 1469
Model 469 - 461 - 460
Hesston: PT7
Balers: N.H. Super 78 with Model 62 PTO Thrower
Super 78 wire tie
Case 200 with IHC Engine Thrower
Harvesters: N.H. Model 717 with Corn Head
Model 3717 with Hay Pickup
Model 818 with Corn Head & Hay Pickup
Flail Chopper; N.H. Model 33 & 36
Spreaders: N.H. - Model 331 Triple Beater
Model 516 Single Beater
Model 516 Single Beater with Fine Manure Pan
Model 345 Tank Spreader
International Truck with Coby Spreader
New Idea Model 214 Triple Beater

EAGLE MACHINERY COMPANY
Route 100, Eagle, Pa.

NEW EQUIPMENT IN STOCK
White 105 Tractor
Glenco 9 ft Pole Chisel Plow
(3) 3 pt. Disc Harrows
Glenco 8 ft. 7" Soil Saver
Oliver 1655 Gas Tractor
Oliver 1755 Diesel Tractor
(3) 5 & 6 Ton Wagons
(1) 12 ft. 6" Brillion Cultimulcher
Kools Blower KB-60
(2) New Rotary Mowers 3 pt. and Pull Type

USED EQUIPMENT
N H Combine Model 985, 13 ft Head, 3-row Corn Head
(2) Fords 8N and 9N
Oliver 1610 Loader for 1550 or 1650 tractor
International 300 Utilities
(3) Oliver Plows, 2 and 3 bottom, pull trip bottom
2 used Wheel Horse tractors with mowers
5 new and used Roto Tillers.
Truck and Tractor Chains, all sizes in stock

Phone (215) 458-5326

Farm Equipment

case

NEW EQUIPMENT TRACTORS
(1) 1212 David Brown (4 sp. power shift)
(2) 1210 David Brown
(4) 990 David Brown.
(1) 1740 Uni-Loader
Case garden tractors - 1975 Models - 8 to 16 H.P. in stock w-mowers, snow blower, blades, tillers, trailers, lawn rollers
(3) 580 Backhoes
(2) 1816 Uniloaders

NEW EQUIPMENT
(4) 5 ft. Blades
(2) 6 ft. Blades
(2) Hawk Bilt Tank Spreaders 4 & 5 Ton Capacity
(2) Case 1 & 1½ Ton Rollers
(2) 34 ft. Elevators
(2) Cobey 310 bu. & 340 bu. Manure Spreaders
(1) 20 Cubic ft. Chest Freezer
(1) 25 Cubic ft. Chest Freezer.
(1) Dunham loader (fits 990-995 B.D.)
(1) Case loader (fits 430-530 Case)
(1) Bear Cat Grinder Mixer
(2) 5 ft. rotary cutters
(3) 6 ft. rotary cutters
(1) Case 4 bottom automatic reset plow
(1) Case 3 bot. plow
(2) 10 ft. cultipackers
(2) 13 ft. cultipackers
(3) Century Trailer Sprayers
(4) Century 3 pt. Sprayers
(2) 16 ft. Kasten Forage Boxes
Running Gears 6, 8, and 10 ton
(3) 38 ft. elevators
(1) 5 ft. 3 pt. Disc Harrow

USED EQUIPMENT TRACTORS
John Deere 500 A Backhoe Loader
(1) 1600 Oliver Diesel
(1) Case 930 Diesel
(1) Case 400 Gas
(1) Massey Ferguson 165 Diesel
(1) Massey Ferguson 65 Gas
(1) Ford 9N
(1) Case 680 Backhoe
(1) Case 220 Tractor w-mower
(1) David Brown Backhoe and Loader

USED EQUIPMENT
(1) Oliver 88 Diesel
(1) Freeman loader (fits 430-530 Case)

Plan now to attend our 2nd Annual Consignment Sale Feb. 8. We are receiving consignments now for this sale.

BINKLEY & HURST BROS.
Lititz RD4, PA
Phone: 626-4705
on Rothsville Station Road
Farm & Ind. Equipment
Open Mon thru Fri
7 A M to 5 P M
Evenings and Sat Call for Sales, Parts, Service 626 4705

case

Allis Chalmers C Tractor w-cultivators.
Used Lawn & Garden Tractors and Snow Blowers.
ROY H. BUCH, INC.
Ephrata 859-2441

Farm Equipment

TRACTORS - Allis Chalmers (new) 7050 with Cab, 7030 with Cab, 200, used 210, D21, XT190, D17. Farmalls - 2 (new) 1066 2 (new) 100 Hydrostatic, (new) 966, used 1066 with Cab, used 966, 856, 756, 1206, (4) 806, 706, 656, 560, 460, 400. John Deere (4) 4630, (2) 4430, (2) 4230, 4620, 4520, 4320, 5020, (4) 4020, (6) 3020, 4010, 2010, 630, 620. Case (new) 1070 with Cab, 1200 four wheel drive. Massey Ferguson (2) 1100. White (new) 4-150 four wheel drive. (New) Oliver 2255, 1755, 1655, 1465, used 1855, 1850, 1650, 1550, 1800. Ford (new) 8600, 6000. Minneapolis Moline 1355, G 1000, G 900, 302.

PLOWS - 4, 5, 6, 7, 8 X semi mounted and Automatic reset. New John Deere 5X18. (New) White 5X16 reset. (New) Brillion 12 foot Cultimulcher. (New) White 14 ft. heavy disc. (New) John Deere 1630 heavy disc.

CONBIMES - John Deere 7700, 6600, 4400, 105. International (2) 315 with Cab 503. Gleaner G.C. II. Massey Ferguson 510, 300. New Idea 701 Unit with Combine.

CORN HEADS - (New) John Deere 643, 444 used 343, 244, 435, 434, 234. Gleaner (new) G440, CII430, F335, AII330, E240. Massey Ferguson 63, 33, 44, 421, 222. International 763 six row, 4 row for 503, 228, 227. New Idea new and used 3 rown 30".

CORN PICKERS - (New) New Idea 2 row pull wide and narrow row 12 roll beds, new 30" with 8 roll beds, 2 like new with 12 roll beds, 10 used 2 row pull with 8 roll beds and some with shellers and 1 with grinder, 2 row mounted. Oliver F3 two row 30" also 83 shellers Attachment, 73 two row. New 180 bushel Gravity bins.

HARVESTERS - New Idea 702 Uni diesel with 2 row, 702 with Cab with 3 row Chopper. John Deere 38 with 2 row like new. John Deere 38 with 2 row 30" head, 34. Fox 545. International 550, 50, 16. Allis Chalmers potato harvester. H beet Harvester. Gehl 115 Grinder mixer. New Holland 1010 Stakwagon.

HAYBINES - Owatonna 10 foot self propelled Windrower. New Holland 469. John Deere 480.
PAUL STITZEL
734 Windsor St.
Hamburg, Pa. 19526
Phone 215-562-8377
or 215-562-7451

Used Massey Ferguson 130 bu. PTO Manure Spreader.
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North Groffdale Road
Leola, Pa.
Phone: 717-656-2321

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SLANZI DIESEL ENGINES

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SMUCKER'S ENGINE SHOP
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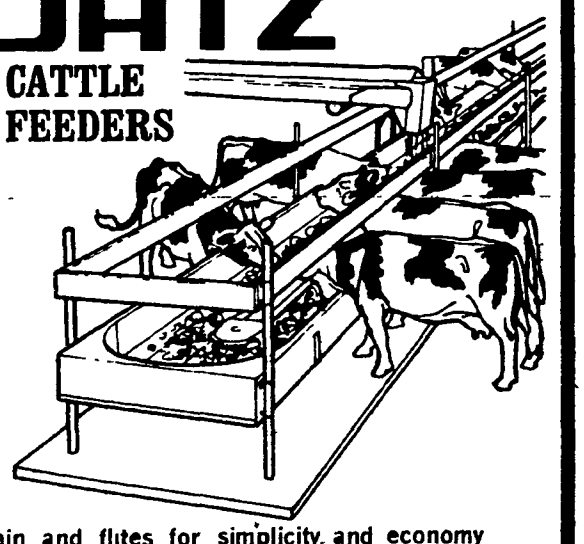

Chain and flites for simplicity and economy
fit straight line bunks up to 200 ft long move all types of feed smoothly around bunk without sifting or separating

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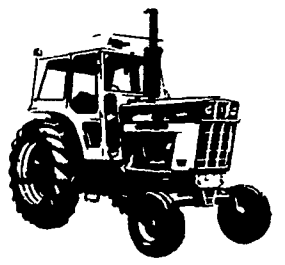

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Int Hydro 100 w-Factory Cab and Air - 182 hrs Never been sold
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J D 3020 Diesel
J D 2030 Utility
Farmall 706 - German Diesel
Int. 606 w-Loader
J D 630
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1974 No 8 N H. Forage Wagon
1973 No 357 N H Mixer-Grinder
N. I 323 Picker - 100 acres
36 ft N H Elevator
Late J D side rake w-rubber mtd teeth
1967 Int 1890 Loadstar Truck w-air brakes
Gleaner CII Combine - Real Clean
Int No 710 6 x 18 Auto Plow

RAYMOND B. LEAMAN
Willow Street RD1 Phone Lancaster 464-2480
Midway between Lancaster & Quarryville
off Rt. 222 | Take Brenneman Road
at Graybill Bros Garage, Refton|

Farm Equipment

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New Holland 66 Baler
JD 14 T Baler w-engine & steel wheels
J.D. F130 3B 16" Plow w-slats
JD F125 4-14" Plow
J.D. 34 PTO Spreader
N.H. 310 PTO Spreader
New Idea 202 PTO Spreader
USED SNOWMOBILES
Artic Cat Puma 340
Yamaha 28 H.P.
Skidoo 28 H.P. w-electric start
Polaris 36 H.P. w-electric start
Polaris 18 H.P.
New Snapper riding mowers, 5, 6, & 8 HP
New Brillion Cultipackers, Cultimulchers, Chisel Plows
Hesston Mower Conditioners Stakhands, Stakhand mowers, special discount terms now till March 1st.
WENGER IMPLEMENT INC.
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Serveral other loaders.
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Phone Lancaster 394 3047
or Lititz 626 2191

FOR SALE

1¼" used black pipe
13 x 7 grain drill with seeder on rubber cylinder lift, excellent condition
10 ft. MC rotary scythe
3 point cultivator 2-row
Ford 501 mower, long arm
Walsh 300 gal. fiberglas 8-row sprayer
J.D. 1240 Plateless, w-, liquid insect., planter.

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Used 3414 International Diesel Loader Backhoe w-Two Buckets $4500.00
JD Model 310 Loader Backhoe, excellent condition.
Used 1971 - 450 Case Crawler Loader 70 percent Undercarriage $8500.00
Reconditioned Fork Lifts 2000 to 7000 lb. capacity from $1500 to $5500
New Case & Massey Ferguson Equipment available for immediate delivery.
1974 Case 450 Crawler Loader, repossessed machine, 133 hrs., Priced to sell.
1973 Case 680C tractor Loader Backhoe complete w-cab, repossessed machine, priced to sell.

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Cattle — Hog — Poultry Equipment

PLUMBING and ELECTRICAL

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EPHRATA, PA. 17522
?FARMERSVILLE]

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12" & 14" Oliver 2-B Plows
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Myers Comb. Mower-Conditioner
Myers Hay Conditioner
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10 to 500 gallon New and Used Sprayers
Will build sprayers and booms to fit your needs.
1 Used 20 gallon shrub and tree sprayer with hitch
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13 Speed RTO9513
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10,000 Miles
22' Cattle and Grain Body
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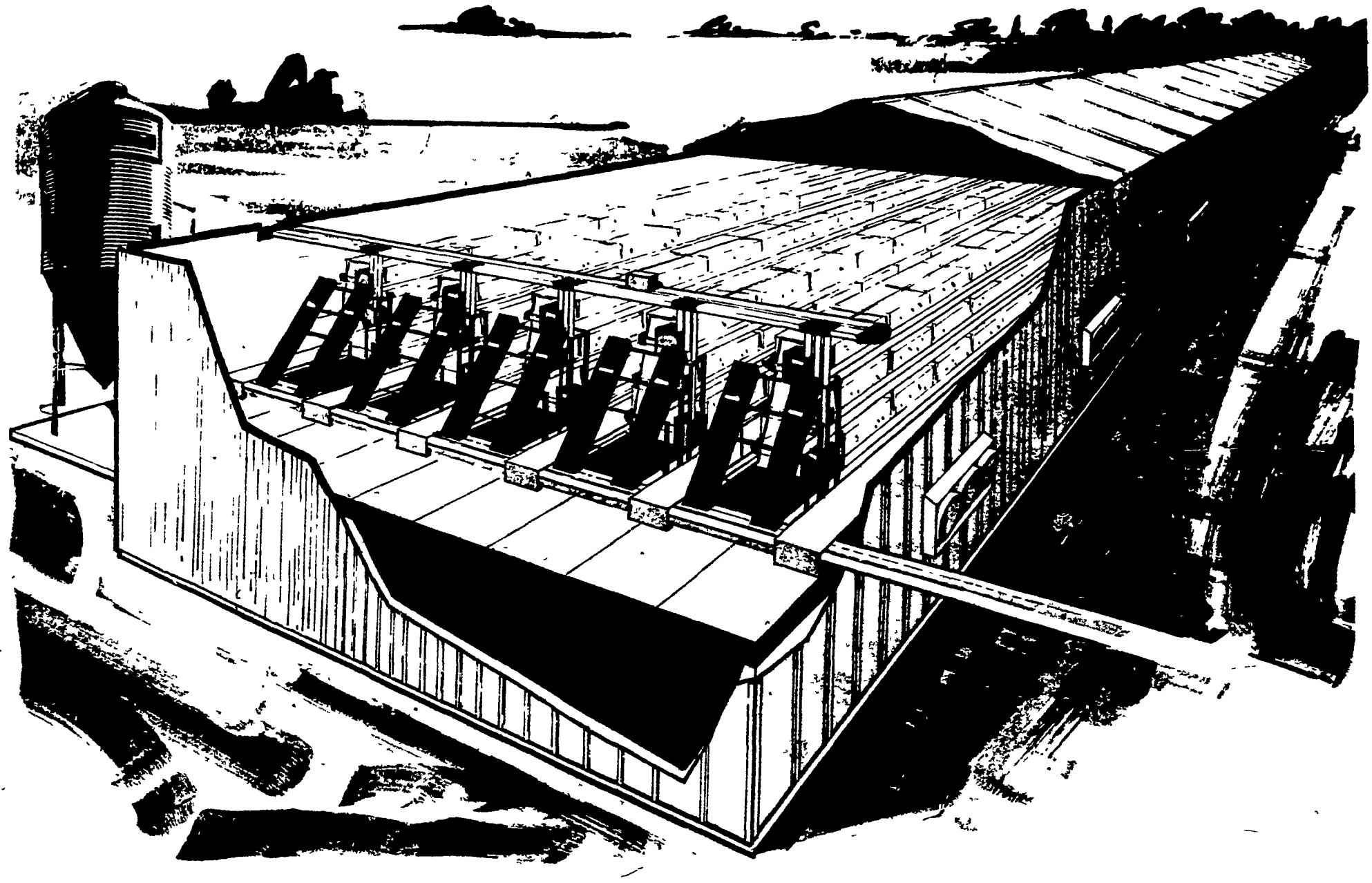

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Kathy Bicksler

Penna.'s Vivacious Poultry Queen

by: Sally Bair
Farm Feature Writer

Commodity queens have a valuable place in agricultural industries according to Kathy Bicksler, the 1975 Pennsylvania Poultry Queen. She says, "A queen can represent an industry so well - it's much easier for a queen to get attention than a man."

Pretty and loquacious, nineteen-year-old Kathy will have ample opportunity to prove her point as she undertakes the task of representing Pennsylvania's poultry industry. She has already made several appearances. One was presenting a live turkey to the Lieutenant Governor during Farm City Week, an event which was very thrilling for Kathy. She was so awestruck by Ernie Kline, she talked as if she would run his campaign singlehandedly if he wants to be governor. She was also busy during Farm Show week and made a token presentation of eggs to Governor Milton Shapp.

Kathy has already received much publicity and many gifts as county queen and in the few months she has represented the state poultry industry.

Kathy is a native of Lebanon County, a county which boasts four out of the last eight poultry queens. Lebanon County also has a booming poultry industry, and Kathy's hometown of Fredericksburg has three poultry processing plants within a mile of each other.

Kathy got involved in the county contest when a neighbor entered her name. In addition to winning many prizes as the Poultry Queen, each contestant was given a $25 bond just for participating, so Kathy figured it was a good use of her time.

Her father, Lee, has driven a truck for College Hill Poultry, Inc. for 19 years, but Kathy herself is familiar with the poultry industry having started working with College Hill the day after she graduated from high school. She's working her way through college, so she works during each vacation to earn money.

According to Kathy, "Everybody in Fredericksburg has worked in a poultry plant at least once."

Kathy says she does any number of things when she's working, but her most recent job was cleaning gizzards - no small matter when you consider that it's possible to clean 50 chickens a minute. Kathy classifies the job as "very boring, but it can be upsetting if you get behind." She added, "I like to do the best I can so I clean the gizzards perfectly clean." She related that the inspectors have told her they try to find a problem with her work, but she's so thorough they have no complaints.

Cleaning a whole chicken is something Kathy understands well from her work in the processing plant, and she can explain just what steps to take and how to proceed.

A 1973 graduate of Northern Lebanon High School, Kathy is currently enrolled at the Schuylkill campus of The Pennsylvnia State University where she is studying business administration.

In high school she said the "best thing" for her was playing in the band. She played flute and piccolo and said, "I really worked hard, and played first chair." She played in district band and was a member of the senior band council. "I was always busy in the band. We really had to work." She explained, "Northern Lebanon had a really good band. We were disciplined and I made it my best effort."

Kathy was also a member of the Ecology Club and Student Action for Education, and was elected to the National Honor Society and "Who's Who in High Schools."

When she went to college Kathy said she substituted the college "chorale" for her band interest. She is also a member of a smaller singing group called the "Good News Singers," who perform for various organizations and sing both sacred and secular music.

Never one to be idle, Kathy is a member of the Cultural Affairs Committee at college which decides which speakers will be invited to campus. She said she enjoys the committee and finds it "very interesting to help decide how to spend the money that's available for cultural events."

She is also a member of her Dormitory Council, an organization which decides policy for the sixty girls who live in the dorm and also takes care of discipline problems when necessary.

Kathy is a member of the Keystone Society which is open to students of Commonwealth Campuses who have two or more activities and a 3.0 or higher grade average. Kathy's grade point average last year was 3.63 so she was elected to Alpha Lambda Delta, a fraternity for those whose average is 3.5 or higher in their freshman year.

Kathy will probably be going to main campus next year, but she said she "really enjoys a small campus and the bit of freedom which it affords you."

Kathy is a member of the Fredericksburg United Methodist church where she had been secretary, vice-president and president of the Christian Endeavor, their youth group. While she is at the Schuylkill campus she attends St. John's United Church of Christ.

Kathy Bicksler talks about what she'll be doing as the 1975 Pennsylvania Poultry Queen.

Promoting poultry products will be a big part of Kathy's job as poultry queen. One of her favorite's is fried eggs.

Poultry Queen is not the first royal title Kathy has acquired. She was Fredericksburg Fire Queen and Jonestown Rodeo Queen. To become Rodeo Queen she had to sell the most tickets to the rodeo, and she says with a laugh, "Boy did I sell tickets!" She outsold everyone else and won the title. She added, "I really learned a lot about the Jaycees and their activities while I was their queen."

Enthusiasm and an outgoing personality were certainly key reasons for Kathy's selection as the state poultry queen. She readily talks about what she sees as her role.

One of the most valuable aspects of being poultry queen according to Kathy will be "meeting the people" and having a chance to go places. She adds, "I know I will have more poise at the end of the year than I have now." She said she is sure she'll gain ability in composing and giving speeches.

Thinking about her value as a commodity queen, Kathy says, "Queens can get 'in' with various organizations because they represent youth and are more vital."

She said she is really looking forward to representing the poultry industry and is excited about the prospects open to her as queen. "I sure am learning a lot about the industry. I know chickens and it offers a wide range of topics to talk about."

During her interview with the judges at the state contest, Kathy demonstrated her quick wit by answering that timeless riddle, "Which came first - the chicken or the egg?" With little hesitation she replied, "The chicken came first because God created the animals."

Queens and queen contests are often subject to criticism by the women's movement, but Kathy says the rewards of being queen far outweigh any negative aspects. Besides, she adds, she only partially approves of liberates women. She said, I believe in women having equal opportunity, but I don't like being discriminated 'for' just because I'm a woman."

Her future plans are to get married and have a family after graduation from Penn State. Her goal is to work after her children are partially grown. She says, "I don't like my mind being at rest. If I didn't have a job, time would hang heavy on my hands. I don't like having too much free time."

Her major in college will probably lead her to a career in marketing, in the promotion and advertising end.

Obviously not a young woman to be idle, Kathy keeps up her flute playing, and said she likes to read, roller skate and enjoys working with children. She makes it very clear that having children, both her own and possibly some adopted ones, enter very much into her plans for the future.

Kathy characterizes herself as "very determined - almost stubborn", two traits which will surely help her achieve her future goals.

And along the way, she will provide sparkle and charm as she spreads good will - and knowledge - for the poultry industry in the Keystone state.

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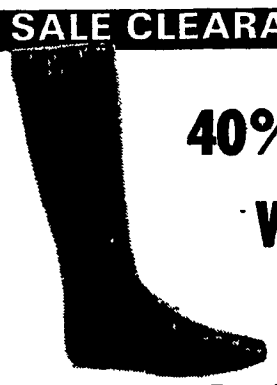

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Recipe Exchange . . .

Home on the Range

Ever wonder what to do with those left over potato chips? Mrs. Harriet Greenawalt from Lancaster sent in two recipes that may be of help.

Also this week, we are featuring some recipes for various desserts including cake and donuts.

We are also interested in receiving recipes that were used during the Revolutionary period.

Double Chip Cookies

1 cup plus 2 tablespoons flour
½ teaspoon soda
¼ teaspoon salt
½ cup shortening
¾ cup brown sugar
1 teaspoon vanilla
1 egg well beaten
¾ cup chocolate chips
¾ cup crushed potato chips

Add flour, soda and salt and sift three times. Cream shortening and sugar together. Add vanilla and egg beating well. Gradually add flour mixture and beat well. Add chocolate chips and potato chips. Drop by teaspoons on ungreased baking sheets. Bake at 375 degrees for 10 minutes. Makes 5 dozen cookies. Store in tightly covered can or pan.

Mrs. Harriet Greenawalt
Lancaster

xxx

Chip and Cheese Wafers

3 ounces of sharp or snappy cheese
¼ cup soft butter
1 teaspoon prepared mustard
½ cup flour
1 cup crushed potato chips

Have cheese at room temperature. Blend cheese, butter and mustard together. Add flour and mix well. Add potato chips. Shape into balls using a teaspoon mixture and place on ungreased candy sheet. Flatten each ball with fork.

Bake at 375 degrees about 8-10 minutes or until edges are browned. Cool. Store in covered can or jar. Makes 4 dozen wafers.

Mrs. Harriet Greenawalt
Lancaster

xxx

Sour Cream Pies

4 eggs
1¾ cup sugar
3 cups milk
2 cups sour cream
1 cup molasses
4 tablespoons flour
1 teaspoon soda
½ cup coconut

Mix all ingredients in the blender and pour into unbaked pie shells. Bake 1 hour at 350 degrees. Makes 2-10 inch pies.

Mrs. Frank Hurst
East Earl

xxx

Pumpkin Pie

3 cups cooked and mashed pumpkin
2 eggs
2 cups cream
1 teaspoon cinnamon
½ teaspoon salt
1½ cup brown sugar
1 tablespoon corn starch

Mix together and pour into unbaked pie shell. Bake until custard is set.

Edna Garman
Ephrata

xxx

Chocolate Pudding

¼ cup water
1 tablespoon cocoa
1 cup cream
1 cup milk
1 tablespoon gelatine
¾ cup sugar
2 eggs
1 teaspoon vanilla

Cook cocoa in cold water till thick then bring milk and sugar to boiling point. Add egg yolks, turn off heat and add soaked gelatine. Add cocoa mixture and beaten egg whites. Let cool and stir it once in a while. When thickening add whipped cream and flavoring.

Margaret Hoover
Mifflinburg

xxx

Refrigerator Donuts

3 packages of yeast
3¾ cups warm water
1⅛ cup sugar
1⅛ cup shortening melted
3 eggs well beaten
12¾ cups flour
3¾ teaspoons salt

Dissolve yeast in warm water. Add sugar, lard and 4 cups flour and eggs with salt. Stir till smooth. Add remainder of the flour. Cover tight and refrigerate overnight. In the morning roll out and cut and let rise till double. Then fry.

Mary Rutt
Manheim

Berks Society 10

Farm Women Society 10 of Berks County held their regular monthly meeting recently at the home of Mrs. Gary Emerich, Bethel R1.

Mrs. Herbert Zechman, president, presided at the meeting with 16 members in attendance.

The program for the evening was to review the local by-laws and read the constitution. The program committee also prepared a few games which were enjoyed.

Two of the members, Mrs. David Behm and Mrs. Gary Emerich reported on the State Convention and participated in the sew-a-long garment contest.

The next meeting will be held at the home of Mrs. Harold Myer, Jonestown, on February 20th when the members will reveal Secret Pals.

High Calories

Food is most likely high in calories when thick, oily, or greasy, slick smooth or gooey, sweet or sticky, compact or concentrated, alcoholic

Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

Yogurt Anyone

"During biblical times, people in the Middle East discovered yogurt. They found that when milk was left in a warm place, it thickened and developed a different, tart flavor. More importantly, it had better keeping qualities than fresh milk."

The foregoing statement is from a new yogurt information sheet published by National Dairy Council. Since information on yogurt is not always readily available, here are some of the facts:

LIKE MILK, yogurt is an excellent source of calcium, riboflavin, and protein. Yogurt, in fact, contains all of the many nutrients of milk. Thus, yogurt can be substututed, cup for cup, for the amounts of milk that are recommended daily - 2 or more cups for adults; 4 or more cups for teenagers; 3 or more for children.

It is a mistake if people believe yogurt can make the whole meal. The yogurt-meal, particularly the yogurt-lunch, has gained advocates among dieters. My advice is that if you expect to obtain all of the nutrients you need daily, you should balance your meal with choices from the other food groups as well. Yogurt can represent the milk group. But then, add some things from the meat-fish-egg group, from vegetables and fruits, and from breads and cereals. It isn't hard to do.

Another misconception that nutritionists are concerned about is the mistaken notion that fruit-flavored yogurt is lower in calories. The fact simply is that 8 ounces of plain yogurt will check out at about 180 calories whereas fruit flavors may range from 204 to 250 calories. The point is, you should know what you are doing - and in America especially, yogurt has become truly popular only since the fruit-flavored varieties were introduced some years ago.

ANCIENT YOGURT was made by warmth that encouraged fermentation of the bacteria naturally present in milk. Later, when boiling milk became desirable, it was learned that the boiling destroyed even the desirable bacteria in milk. So, these bacteria were returned to milk by "stirring in a portion of yogurt saved from the previous batch."

Nowadays, processing is continuous, virtually automatic, and performed in rigorously sanitary conditions. Since early in this century, two species of yogurt-producing bacteria have been available as cultures from laboratories. With either culture, and usually a mixture of fresh, partially skimmed milk and nonfat dry milk, yogurt is produced. Fresh whole milk and skim milk may, of course, be used, too. Flavored yogurt may be made strictly with flavorings added, or with actual fruit at the top or bottom of the container.

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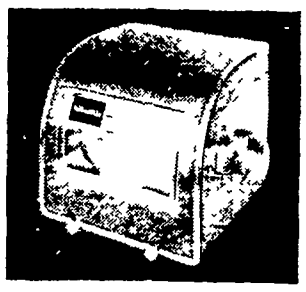

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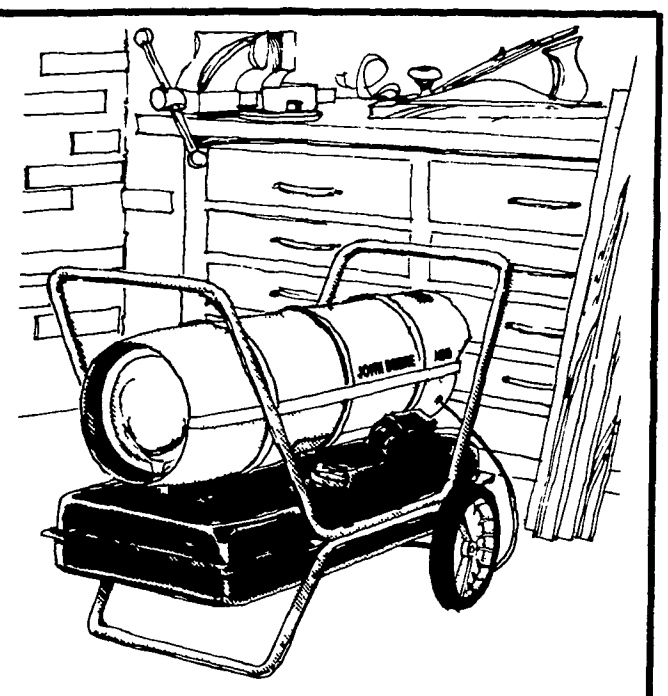

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LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Using Maple Syrup As Sugar Substitute

Cooking with maple syrup can be an adventure. Maple syrup, a Pennsylvania product, can be used as is, heated with a little butter to use as sauce for sundaes, on waffles, french toast, pancakes or even on cooked cereal.

Maple syrup is also good as a sauce for brown betty, apple or peach dumplings and for cinnamon or pecan rolls. Use it to glaze baked ham and on baked sweet potatoes, baked apples or on broiled grapefruit.

You can substitute maple syrup for sugar in many favorite recipes to give a distinct maple sugar flavor. For example, when making a cake, cookies or quick breads calling for one cup granulated sugar, use one-half cup maple syrup. Reduce liquid in recipe by one-fourth cup. Reduce soda by one-fourth teaspoon and reduce baking powder by one-half teaspoon. Bake at a lower temperature - about 25 degrees less.

If you are lucky to be able to buy maple sugar, less available than syrup, you can substitute it for white or brown sugar without making any alternations in the recipe.

Following are some recipes using maple syrup:

Maple Sauce
(1 cup)

Boil for 5 minutes: 1 cup maple syrup.

Add: 2 to 3 tablespoons chopped nuts (walnuts, pecans, black walnuts or toasted almonds)

Serve: Serve hot over ice cream, custard or pudding.

Maple Apple Crunch
(serves 6)

8 to 10 graham crackers
4 apples
½ cup butter
½ cup maple syrup

Place graham crackers on waxed paper and roll with a rolling pin. Soften butter and mix thoroughly with cracker crumbs. Slice apples. Butter casserole and place sliced apples at the bottom of the dish. Pour maple syrup over apples, then add cracker and butter mixture. Bake in 325 degree oven for 25 minutes. Top with whipped topping or ice cream.

Maple Syrup Cookies

½ cup shortening, soft
¾ cup maple syrup
1 egg
½ teaspoon vanilla
½ teaspoon almond extract
1½ cups sifted all purpose flour
½ teaspoon salt
1½ teaspoons baking powder
1½ cups quick or old fashioned oats, uncooked
½ cup chopped nutmeats

Heat oven to moderate 375 degrees. Beat shortening until fluffy; gradually add maple syrup, beating well. Blend in egg until light; add vanilla and almond extract. Sift together flour, salt and baking powder; add to creamed mixture. Stir in oats and nutmeats. Drop by teaspoonsful onto greased cookie sheets. Bake in preheated oven (375) 12 to 15 minutes.

Used Appliance Terms

Before you go shopping for a used appliance you should become familiar with some terms.

The term rebuilt appliance indicates that the used appliance was checked, repaired and is in working condition. It may carry a store guarantee for a limited period of time, usually not for more than 90 days.

A reconditioned appliance usually means the appliance was cleaned, sometimes painted and put in working condition.

An as is appliance means it's being offered for sale in the condition you find it. It may or may not be in a working condition, and most likely will not have a guarantee.

An appliance marked **freight damaged** is new but was damaged in shipping. The damage may be a surface scratch or dent which won't hurt its performance. But if it is severely damaged it may not work correctly. Before buying a damaged appliance, you may want to check with a serviceman as to repair problems and cost.

Appliances may also be labeled **unclaimed freight**. This is new merchandise not claimed at delivery point.

Chair Caning Course Offered

A course in chair caning will be held by the Cooperative Extension Service at the Chester County Cooperative Extension Office, Paul B. Dague Bldg., 235 W. Market St., West Chester.

The chair caning course participants will learn how to cane your own chair. The seat of the chair must have holes into which cane was woven, because this workshop does not include replacing of pre-woven cane. It's also recommended that the chair be finished or refinished prior to caning if a new finish is desired. The course will meet on three consecutive Wednesday mornings, Feb. 26, Mar. 5, 12.

Enrollment is limited and accepted on a first come first serve basis; registration is due January 28, 1975. The cost for the course is $8.00 which includes cane and other supplies.

If your wish to enroll, send fee and a piece of the cane or the size of cane to Miss Trudy Dougherty, 235 W. Market St., West Chester, Pa. 19380. To determine the cane size measure between the centers of two adjacent holes.

Women Calendar

Tuesday, January 28

Society 27 meeting at the home of Mrs. Daniel Stoltzfus. Speaker will be Jerry Shaeffer from PP&L.

Society 2 of Berks County will meet at the home of Mr. and Mrs. K. Eugene Stump, Bethel.

Thursday, January 30

Farm Women Society 11 meeting at the Community Building Mechanic Grove.

Saturday, February 1

Farm Women Society 6 meeting at the home of Mrs. Milton Eberly.

Please Note

If your society has not yet sent in their program book, please do so as soon as possible. This will help us in recording and announcing meeting dates.

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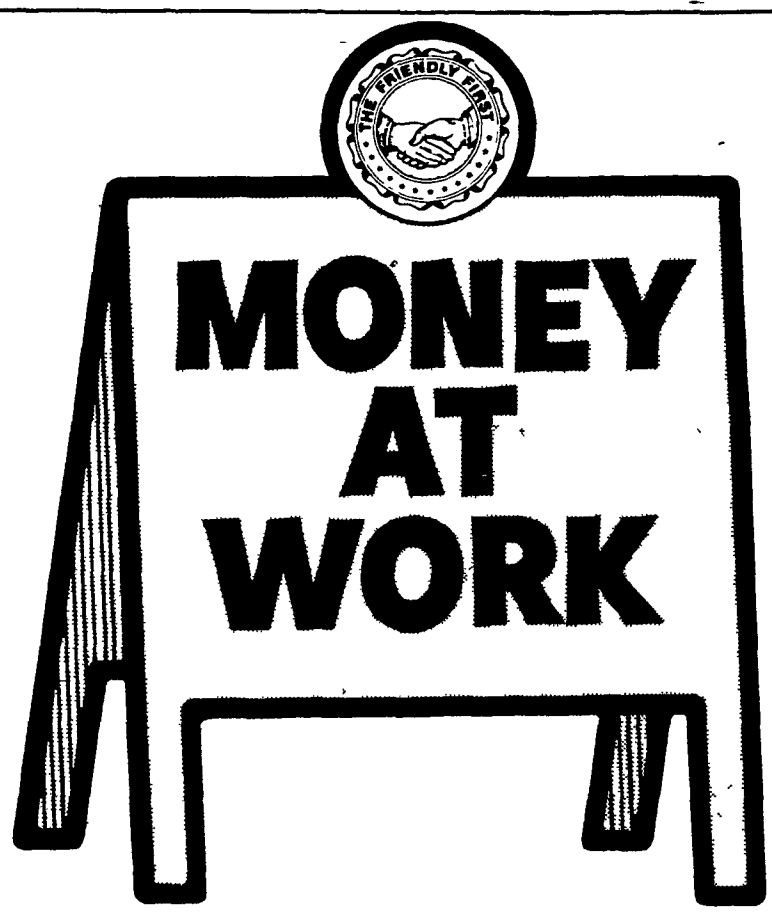

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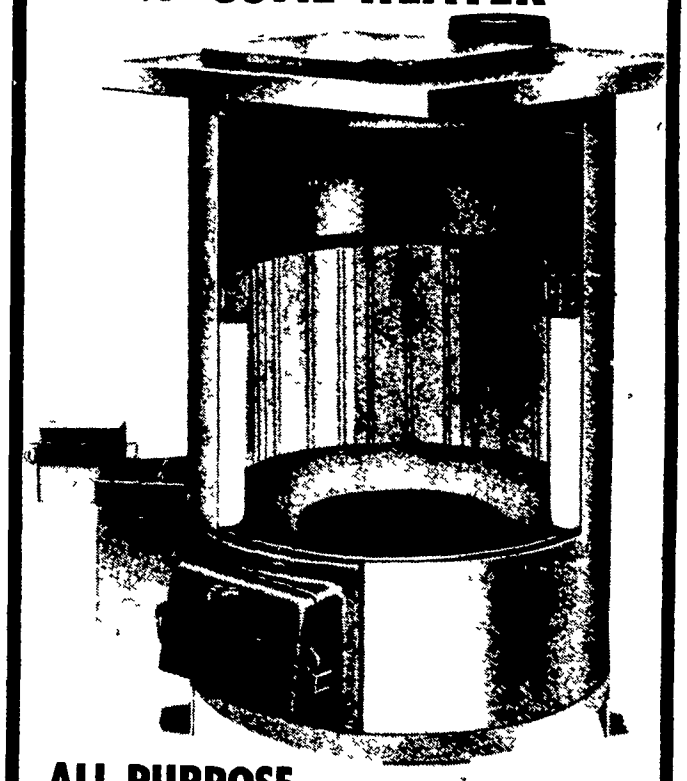

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Junior Edition

Home on the Range

This week we are featuring a number of recipes that represent snacks, soups and desserts. We hope you find them enjoyable and tasty. We still have a number of Junior recipes in our file and will be featuring them in the weeks to come. If yours hasn't been used yet, keep watching.

xxx

Menu suggestions using onions: cream of onion and celery soup; baked whole onions, baked fresh onion and tomato casserole; onion and mushroom casserole; curry topped onion pot pie; onion pies with fresh mushroom sauce; shish kebab with onion; baked stuffed onion; stuffed onions with spinach and bacon; onion and potato au gratin; scalloped meat with eggplant and onion; baked onion and beef casserole.

xxx

Blueberry Muffins

2 cups all purpose flour
2 teaspoons baking powder
½ teaspoon salt
¼ cups sugar
¼ cup salad oil
½ cup blueberries
1 egg beaten
¾ cup milk

Combine dry ingredients, mix in berries. Combine egg, milk, and oil. Add to dry ingredients, stirring enough to moisten. Fill greased muffin pans two-thirds full. Bake at 400 degrees for 20 minutes.

Linda Mae Stoltzfus
age 15
Rebersburg

xxx

Carmel Popcorn

7 quarts of popped corn, placed in a buttered roasting pan

Cook for 5 minutes:
2 cups brown sugar
1 cup margarine
½ cup corn syrup
1 teaspoon salt

Take off heat and add 1 teaspoon vanilla and 1 teaspoon soda. Pour over popcorn and bake 1 hour at 250 degrees. Stir occasionally.

Rhoda Seibel
age 13
Manheim

xxx

Red Velvet Cake

Sift together:
2½ cups sifted cake flour
2 cups sugar
6 tablespoons cocoa
2 teaspoons soda

Combine:
4 well beaten eggs
2 cups sour cream
1 teaspoon vanilla

Stir egg mixture into dry ingredients. Beat three minutes. Pour into greased and lightly floured 9 x 13 inch cake pans. Bake at 350 degrees in moderate oven for 50 minutes.

Roy Horst
age 10
Lebanon

xxx

Corn Chowder

4 slices bacon
1 tablespoon minced celery
1 tablespoon minced pepper
1 tablespoon minced onion
2 potatoes
3 tomatoes
2 cups corn
2 pints milk
salt and pepper to taste

Chop bacon and place in pan to brown. Add minced celery, pepper and onion. Fry together until bacon is brown. Add corn and saute together for three minutes. Add the chopped vegetables and 1 cup water. Cover and cook slowly for 30 minutes. Then add rich milk and heat to boiling again. Add chopped parsley. Serves 4.

Elaine Nolt
age 10
Ephrata

xxx

Cherry Chese Dessert

2 cups graham cracker crumbs
1 tablespoon sugar
½ cup butter
2 ounces whipped topping mix
2 cups cherries or other fruit
½ cup sugar
8 ounces cream cheese

Combine crumbs, sugar and butter. Reserve ¼ cup crumbs for topping. Line the bottom of a pan with the crumbs. Prepare the whipped topping and set aside. Add fruit to cheese and beat well until smooth and creamy. Beat in sugar and red food coloring. Fold in cheese mixture and topping a little at a time until well blended. Pour crumbs on top. Freeze.

Sarah Esh
age 15
Gordonville

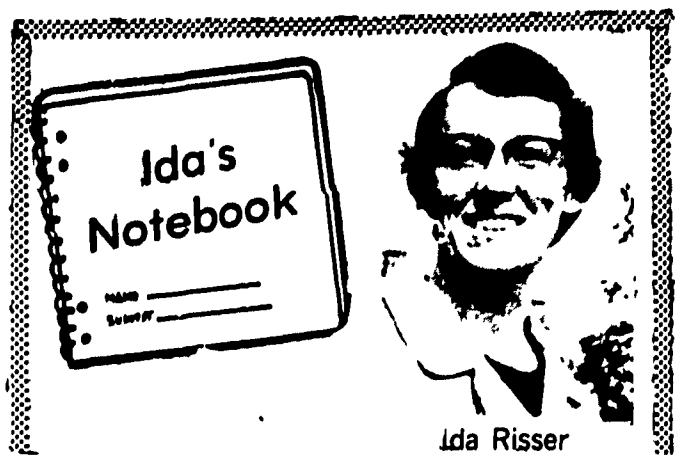
xxx

No-Bake Snack

Mix in a pan:
2 cups sugar
¼ cup cocoa
½ cup milk
¼ pound margarine

Place on medium heat and cook until it starts to boil. Remove from heat and cool for one minute. Add: 1 teaspoon vanilla, 1 pinch salt, ½ cup chunk peanut butter, 3 cups of oatmeal and stir well. Drop by teaspoonfuls on wax paper. Allow to cool.

Judy Hursh
Ephrata



Ida Risser

These days it seems we are bombarded with historical facts. I was surprised to read recently that exactly one hundred years ago there was a large emigration to Germany from this country. It appears that times were rough here and so many machinists, typesetters and mechanics tried to get passage to Europe.

The article ended by saying that no farmers were among those searching for employment. It stated that even though farming may not "Pay" in a pecuniary sense, we are all dependent on his products to support life. So, no matter what takes place in the financial, political, social or moral life the farmer is still a universal necessity. These facts were taken from a newspaper called "Lancaster Farmer" published in January of 1875.

xxx

Things are a bit more quiet here now that the two children have gone back to college and the younger two are in school also. Jeffrey made candle holders for us from rough walnut limbs and they were quite unusual. Judy baked so many varities of breads and sticky buns that now I shall have to do without and try to lose the two pounds I gained.

Last week I was pleasantly surprised to get a pink corsage from our eleven year old. She and her brother were at the farm show with the 4-H potato judging team and she bought the flowers for our anniversary.

The day we were married there was so much snow that we were lucky to get home from the church. It wasn't until the next day that we were able to start on our two week trip to Florida. Ah, memories.

Lebanon Society 7

Farm Women Society 7 met recently at the home of Mrs. Leonard Schott, Lebanon RD5, with Mrs. Alton Snyder as co-hostess.

Mrs. Schott gave a report from the state convention. The spring rally will be on April 30 at Hershey. The group decided to give a contribution to the American Heart Association.

Mrs. Norman Keller showed slides and talked about her recent trip to the Orient. The committee in charge of arrangements was composed of Mrs. Glenn Wenger and Mrs. Mark Heisey Jr.

The next meeting will be held at the Halycon Club center with Group 7 providing entertainment and refreshments. The committee in charge is Mrs. Karl Hellerick and Mrs. Elijah Arnold Jr.

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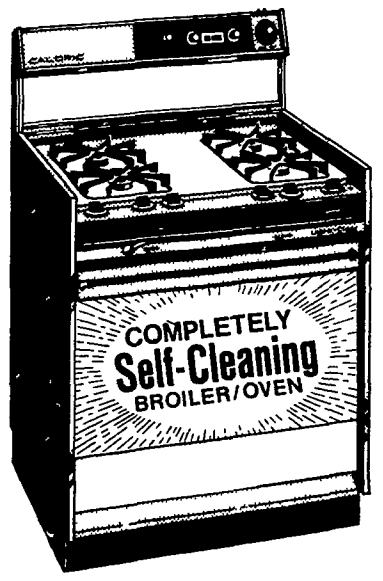

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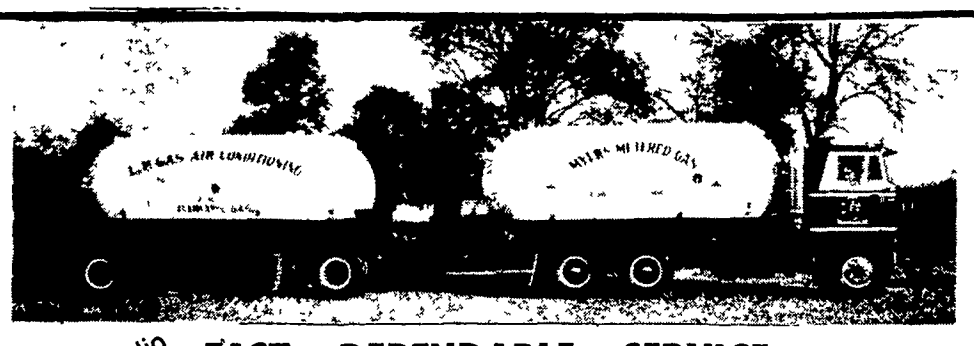

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Farm Women Societies

Society 3

Farm Women Society 3 met recently at the home of Mrs. Paul Hess Ephrata RD1.

Mrs. Carroll Myers and Mrs. John Edwards were appointed to represent the Society at the Ephrata School Long Range Planning Community Advisory Committee.

Miss Linda M. Stuber a member of Society 3 who has been doing voluntary service at the Pinalyo Medical Clinic in Honduras and is home for a visit gave a report on the work she is doing.

Delegates to the State Convention held in Harrisburg reported on the convention. They were Mrs. Jesse Balmer, Mrs. Walter Shaub and Mrs. William Eberly and Mrs. Melvin Nolt.

Mrs. Clarence Stauffer reported on the holiday visit to the group's adopted daughter at the Hamburg State Hospial. They furnished her room with new bedspreads and also gave personal gifts for her room.

The program was a Song Fest conducted by Mrs. William Eberly. Song selected were in keeping with the season. Songs from school days, patriotic songs which were in keeping with the bicentennial were also included.

Society 12

Farm Women Society 12 met recently at Willow Valley Restaurant for a luncheon. Following lunch, a business meeting was held with Mrs. Raymond Aston reading the 85th Psalm for devotions. Mrs. Gloria Hacking gave a reading and one was also given by Mrs. Aston.

Sixteen members answered the roll call. There were four thank you notes from the shut in members. Miss Ethel Kindig gave a review of the by-laws.

Convention reports were given by Mrs. Dorothy Sangrey, Mrs. Mildred Kindig and by Francis Elsen.

The next meeting will be held February 15th at the home of Mildred Kindig RD1, Conestoga at 1:00 p.m.

Society 15

Farm Women Society 15 met recently at the Black Rock Retreat. Hostesses were Mrs. Anna Herr, Mrs. Alma Miller and Mrs. Jean Barnes.

The new president, Mrs. Kathryn Horner presided and opened the meeting with the group singing the Society song and one verse of the "Old Rugged Cross." Mrs. Alma Miller read scripture and all repeated the Lords Prayer.

Thirty members responded to roll call by telling an interesting snow storm experience. The minutes were read by the secretary Mrs. Alma Maule, she also read a letter from the Solanco Meals on Wheels expressing the success of the project and the need for volunteers and financial help.

Several members solicited comments of the fine work being done and thought it a good work. It was decided to give $50 toward the project. Mrs. Mary Boyce read a letter of appreciation from the Crippled Children's Society of Lancaster County for the money sent to them at Christmas.

Mrs. Jean Barnes of the Ways and Means Committee told of plans for money making during the year. The Committee has plans for a Chicken Bar-B-Que and a garage sale. Also mentioned were the sale of Easter Candy and having a food table at the John Hastings sale.

Mrs. Mary Boyce of the Sunshine Committee told of sending cards and flowers. Birthday greetings were given to Ella Landis, Kathryn Anderson, Kathryn Horner, Helen Hastings and Jessie Trimble who celebrated their birthdays in January.

Mrs. Emily Greenwald and Mrs. Alma Clendenin gave reports on the State Convention. Mrs. Jean Barnes conducted a pocketbook quiz.

The program committee will meet with the chairwoman, Nancy Lefever on January 27th at 7:30 p.m. at her home.

Society 23

Farm Women Society No. 23 met recently at the home of Mrs. J. Clayton Charles. Mrs. Glenn Burkholder read the 23rd Psalm for devotions.

For the business meeting, reports were given on the State Convention by our delegates. Mrs. Robert Rohrer had one of the outstanding posters on "Safety" in State Competion. Mrs. Jay Charles, our Pres. Modeled her gown in the Fashion Show at the Forum on Monday. Other reports were our visit to Conestoga View with Society No. 22, entertaining our husbands at Historic Strasburg before Christmas, and a donation of $100.00 to the Robert Weiss family for medical expenses.

The program was "A Night of Nostaliga" with members wearing clothing of another era, or bringing some treasured object given them by a grandmother. The hostess had a delicious treat including homemade ice cream. John and Tom Charles entertained with piano solos.

The Feb. meeting will be held at the home of Mrs. Harold Hoak Washington Boro RD1.

Society 25

Farm Women Society 25 met January 11th at the home of Mrs. Laban Byers, Lancaster R6.

Devotions were lead by Mrs. Paul Roland with Mrs. Chester Eshelman, president, presiding at the business meeting.

Twenty members responded to the roll call by naming the last craft they had made.

The treasurer's report was given by Mrs. John Metz with Mrs. Raymond Mylin receiving the mystery gift.

It was decided to continue to support the Welch Mountain Clinic as a project for the next year with gifts of food, money and clothing.

Mrs. Sterling Elmer, Mrs. Carl Gish, Mrs. John Gerlach, Mrs. David Newswanger, Mrs. Paul Roland and Mrs. Samuel Goss visited the County Homeon January 16th. 16th.

The program for the day was a demonstration on quilling given by Mrs. Harry Sheid.

The next meeting will be held at the home of Mrs. Ralph Schlegelmilch.

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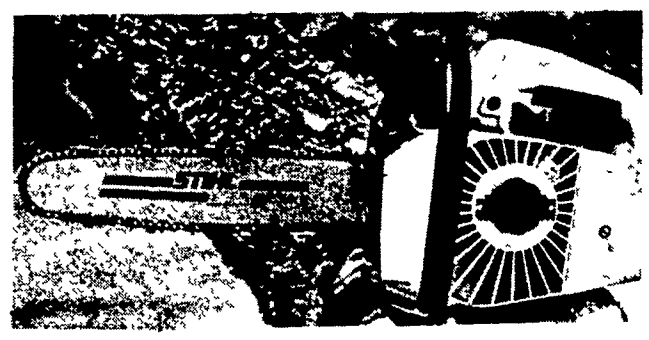

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Cranberry Facts and Folklore

Picture yourself living in 1773 in the township of Cape Cod. Some guests are expected for dinner and you've decided to pick wild cranberries to garnish the turkey and fill a pie. You'd better check the date first, though, because picking cranberries before the 20th of September could result in a $1 fine and confiscation of the cranberries.

This old law probably stems from the fact that if cranberries are picked too early, they won't ripen. Other cranberry-growing areas had similar laws. New Jersey in 1789 prohibited picking cranberries before October 10th. An old Wisconsin law provided a $50 fine for picking or having in one's possession unripe cranberries before September 20.

The cranberry plant is a native of swamp areas or bogs and can survive underwater for long periods. During the winter the growers flood the bog area with water to protect the vines from the cold.

Around Labor Day, the bogs turn a vivid red and the berry is ready for harvest. Many cranberry growers wet-harvest their crop. They flood the bogs again and the berries are harvested with a machine that stirs up the water and knocks the berries from the vines. The berries float to the surface and field workers round them up and push them to shore with long boards.

The berries are then taken to a packing plant where they are cleaned and given the bounce test. Cranberries have a unique characteristic: good berries bounce, bad ones don't. This characteristic was first noted by an early New Jersey grower, John I. Webb, nicknamed Peg-leg John. He stored his berries in barrels in the loft of his barn. He couldn't carry them down, so he poured them down the steps. He noticed that only sound firm fruits bounced to the bottom; rotten and bruised berries remained on the steps. Today, we have a cranberry separator that is based on this principle. At the packing or processing plant, each berry is given seven chances to bounce over a 4-inch barrier.

After the bounce test, the berries are sent to a screening table, where trained workers remove imperfect berries. The good berries are cleaned and sent for immediate packing or processing or are frozen for later use.

To help processors and packers prepare good-quality products, the U.S. Department of Agriculture has grade standards for canned cranberry sauce, and for fresh and frozen cranberries. USDA also provides voluntary grading services for a fee to producers, buyers, and shippers who wish to have the quality of their product certified.

Top quality for canned cranberry sauce is U.S. Grade A or Fancy. Grade A sauce has good color, consistency, texture, and flavor. Lower grade sauces are good and are often a thrifty buy, but their appearance is not as uniform as Grade A. A top quality jellied sauce is tender but firm enough to hold its form.

To meet USDA requirements for top quality, fresh cranberries must be clean, mature and firm, and free from damage. Fresh cranberries are usually packaged in one-pound film bags or in boxes with windows. Since quality grades are not usually marked on the package, look for plumpness, good color, and uniformity in size. Crushed berries and those that are leaky and sticky may be off-flavor.

There are three grades (U.S. Grade A or Fancy, B, and C) for frozen cranberries but, as is the case with fresh cranberries, the quality grades are not usually marked on the packages. You can check frozen cranberries in much the same manner as fresh; they are packaged in the same way. Look for freedom from defects, plumpness, good color, and uniformity in size. Remember that frozen cranberries must be prepared in the same manner as fresh berries. When cranberries are frozen, they are not processed or packed with sugar. (from: Consumer Food News)

Economics Of Pasture Fertilization are Studied

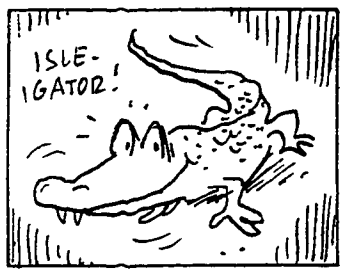
Production economics of several different types of pastures, with and without nitrogen fertilization and legumes, will be summarized at Livestock day, March 4, at Penn State University.

According to Dr. J. B. Washko, Professor of Agronomy and Dr. L. L. Wilson Professor of Animal Science, Kentucky bluegrass pastures and orchardgrass pastures furnished essentially the same number of cow grazing days per acre in 1974. The average for the two types of grass pastures was 157 days of grazing for a cow-calf unit These pastures were fertilized with only one 50-pound application of nitrogen per acre in early spring. Calcium, magnesium, phosphate, and potassium were applied in the fall or spring in accordance with soil test results. The pastures were clipped after each grazing for removal of unpalatable growth and for better weed control.

Stocking rate was 1.5 acres per cow and calf during the flush grass growth period until July 1, and 1.7 acres per cow-calf unit for the remainder of the grazing season. All cows were Angus-Holstein crossbreds.

Legume-grass mixtures were somewhat less productive than the nitrogen-fertilized grasses, furnishing 130 grazing days per acre. Dr. Washko attributed the similar production of the Kentucky bluegrass and orchardgrass pastures to the lack of moisture, particularly during July and August and the level of nitrogen fertilizer used. In other years, with more adequate rainfall, and higher nitrogen fertilization, orchardgrass and the legume-grass mixtures were usually more productive than was the bluegrass pasture.

In another trial, two 50-pound nitrogen applications per acre to orchardgrass pastures furnished 196 days of grazing. Only 133 days of grazing were obtained where one 50-pound nitrogen application was made in early spring. According to Washko and Wilson, this additional 63 days of grazing was produced at a cost for nitrogen of approximately 19 cents per day. Therefore, the additional 50 pounds of nitrogen to the orchardgrass pasture produced feed nutrients from pasture at a reasonable cost, even with the relatively high cost of nitrogen compared to previous years. These trials were conducted at the State Correctional Institution at Rockview, Bellefonte, Pa. Some of the pastures have been in production for over 12 years indicating that pasture establishment cost should be pro-rated over at least 10 years, and perhaps 15 years, if the pastures are managed properly.



It was once believed that seeds from trees fell into small crevices on an alligator's scales, and took root so that he resembles a small island!

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ORGANIC LIVING

By

Robert Rodale

Can Pure Food Be A Reality?

by Robert Rodale

Somewhere between the farmer and the consumer, a step occurs that turns much of our food from a healthy, life-giving commodity into something less. Though this phenomenon may be called a number of things, it is simply nothing more than "processing".

Strangely enough, unlike some civilizations that regarded their food supply with much greater appreciation, we have allowed "processing" to take large chunks of nutrients, healthy fiber content and even natural taste out of our foods. Then, through "processing," some of these nutrients are put back in along with preservatives, additives and coloring agents that are supposed to make this food appear wholesome.

Could that be a crime?

I don't mean the type of crime that the FBI categorizes in its annual "Uniform Crime Reports." But could it be a crime against the public? The idea is not as farfetched as it first seems.

Consider inspections of food-processing plants. Recently, for example, Consumers Union took a survey of canned tuna and found that large numbers of samples tested contained rat hairs, fly maggots and, amazingly enough, pieces of feathers!

Neither the Food and Drug Administration nor the consumer group said there was anything dangerous about the contaminants. Possibly there isn't. Maybe they're even healthy for you, though I doubt it.

The point is that there are laws and regulations on the books that supposedly protect consumers from such contamination. The "crime" occurs when manufacturing plants are not inspected, allowing the subsequent contamination to occur.

The same kind of "crime" took place during the great mushroom scare of 1973 when can after can of contaminated mushrooms found their way into stores. It was only after a case of botulism broke out that the FDA took proper measures to safeguard the health of the mushroom-eating public.

Possibly the most heinous "crime" perpetrated by the food processors on an unknowing public is the amount and kinds of additives that are poured into a vast number of foods to make them appear much better than they are. Some give food a longer shelf life. Others color foods to make them look "pretty."

Consider food coloring. Dr. Ben Feingold, a well-known San Francisco allergist with the Kaiser Institute Permanente Group, recently pointed out that the history of food coloring has been one of constant deletion and addition. "They dyes are licensed on the basis of short-term observations (one to two years) while only on the basis of long-term experience (up to 15 years) does their toxicity become apparent and lead to discontinuance."

The problem is all too clear. Food processors have used nitrates and nitrites for years to prevent botulism. And by adding more and more of these chemicals to processed meat, they made the products appear more pink and fresher. Some scientists now believe that nitrates and nitrites are harmful and may cause cancer. Does the food processor's reluctance to reduce or eliminate these chemicals represent a "crime" against society?

Possibly the biggest "crime" is the one perpetuated against our children. Dr. Feingold strongly believes that many children now suffering from hyperkinesis - or hyperactivity - and learning disabilities are actually suffering an allergic reaction to food additives. He classifies these additives as "drugs."

Hyperkinesis presents a significant problem to society as a whole. Children suffering from it exhibit compulsive aggression, short attention spans, easy frustration, quick anger, poor coordination and difficulty in sleeping. These are "problem" children.

To counter these symptoms, large doses of amphetamines and tranquilizers are given those diagnosed as hyperkinetic.

"Six separate studies involving over 200 children have demonstrated food colors and flavors to be the cause in conservatively 50 percent of the hyperkinetic-learning disability children," Dr. Feingold says. In other words, when he put them on a "drug-free" diet, they were doped up with tranquilizers.

What may be more important than Dr. Feingold's findings themselves - at least as far as his scientific colleagues are concerned - is the fact that his observations have been reproduced in many parts of the United States as well as England, Canada, Australia and France.

Presently, Dr. Feingold's theory regarding food additives is being tested out in the laboratories of Harvard University. While underway, the multimillion dollar a year food-additive industry is holding its breath awaiting the results.

Let's imagine, and it doesn't take too much, that Dr. Feingold's theories are proven correct. Does this mean that food processors can be tried for the "crime" of negligence". Or can food processors who cause cancer be tried also? Maybe they should, if only in the court of public opinion. With the importance of food in the world becoming more apparent daily, it makes little sense to adulterate it. It's too valuable a commodity to contaminate simply for the sake of convenience.

(Editor's Note: The opinions appearing in "Organic Living" are those of its author, Robert Rodale, an independent columnist. Rodale's comments do not necessarily reflect the thinking of the Lancaster Farming editor or anyone else on the Lancaster Farming staff.)

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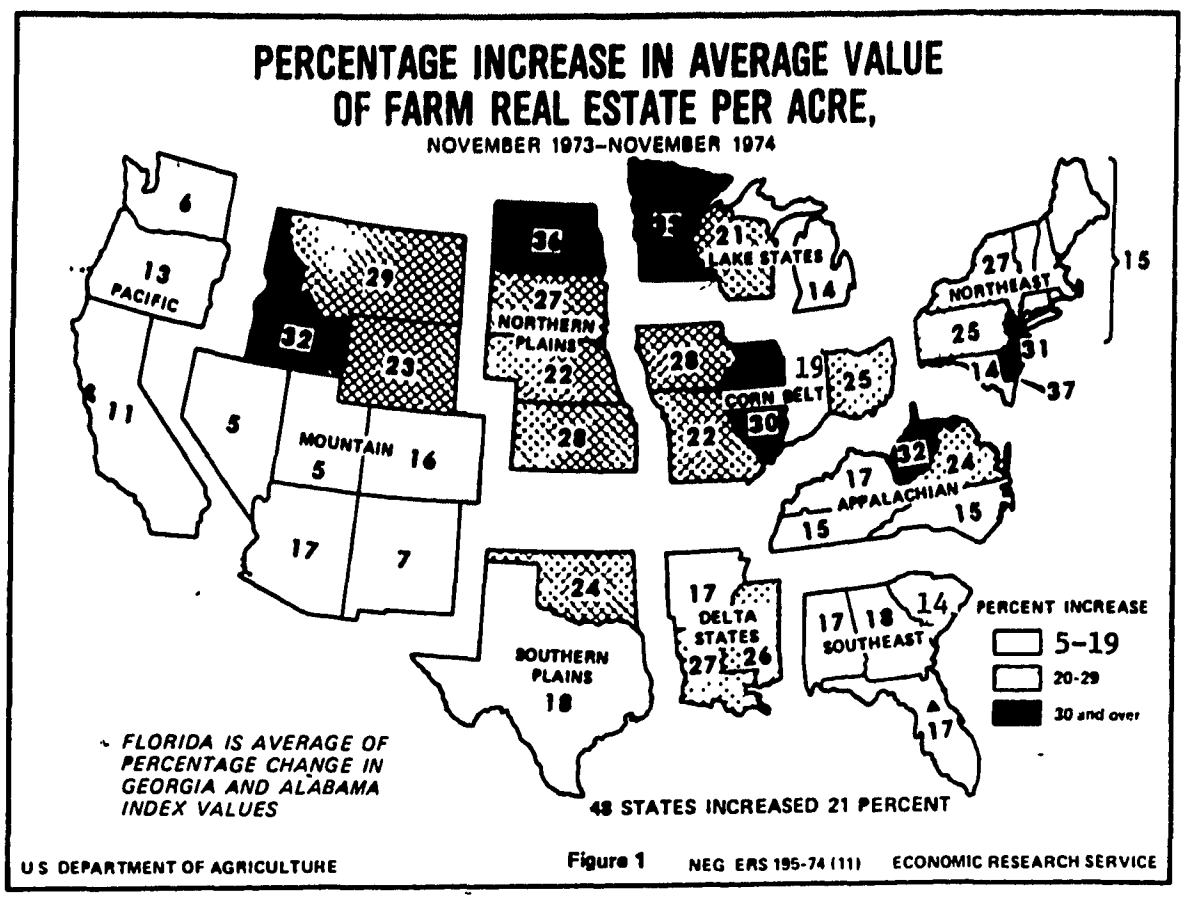
Farm Real Estate Values Soar 21 pct. in 12 Months

Farm real estate values per acre rose 21 percent during the year ended November 1, 1974. However, half of this increase occurred prior to March 1, 1974. Thus the rate of increase slowed substantially from 2.5 percent per month between November 1, 1973 and March 1, 1974, to 1.2 percent per month during the period from March 1 to November 1, 1974, according to USDA's Farm Real Estate Market Report issued this month.

The national index of farm real estate values per acre is now at 206 (March 1, 1967 equals 100) - up from 170 in November, 1973, and 187 in March, 1974. Land values are expected to continue rising at about 1 percent per month from November 1, 1974, to March 1, 1975. Thus for the year ending March 1, 1975, an increase of 15 percent is anticipated.

The current slackening in the high rate of value results from several factors, including divergent income expectations of crop and livestock farms; tightening credit and higher interest rates; a reduced nonfarm demand for recreation, retirement, and development uses; and increased investment in farmland for farm production purposes by nonfarmers.



During the March-November survey period, rates of increase remained strong in cash grain areas but slowed sharply in the range-livestock production areas, reflecting a sharp divergence in income expectations of crop and livestock producers for 1974 and early 1975.

With lower carryover of most grains, stemming from short crops and strong export demand, grain prices have remained high relative to livestock prices and incomes of grain producers have remained favorable. On the other hand, prices of feeder cattle have fallen sharply and are likely to remain depressed until feeder cattle marketings are reduced or feed prices come down.

While demand for second homes and recreational properties has fallen off, nonfarm investors have turned to productive farmland as an investment alternative to urban real estate and common stocks, which have turned in a lackluster performance over the part year.

According to USDA survey reporters, rates of transfer apparently slowed sharply between July and October 1974 as money markets tightened and interest rates rose sharply for farm real estate loans. During the third quarter of 1974, interest rates on new mortgage loan commitments of life insurance companies reached an average 9.7 percent and rates quoted by the various Federal land banks ranged between 8 and 9 percent.

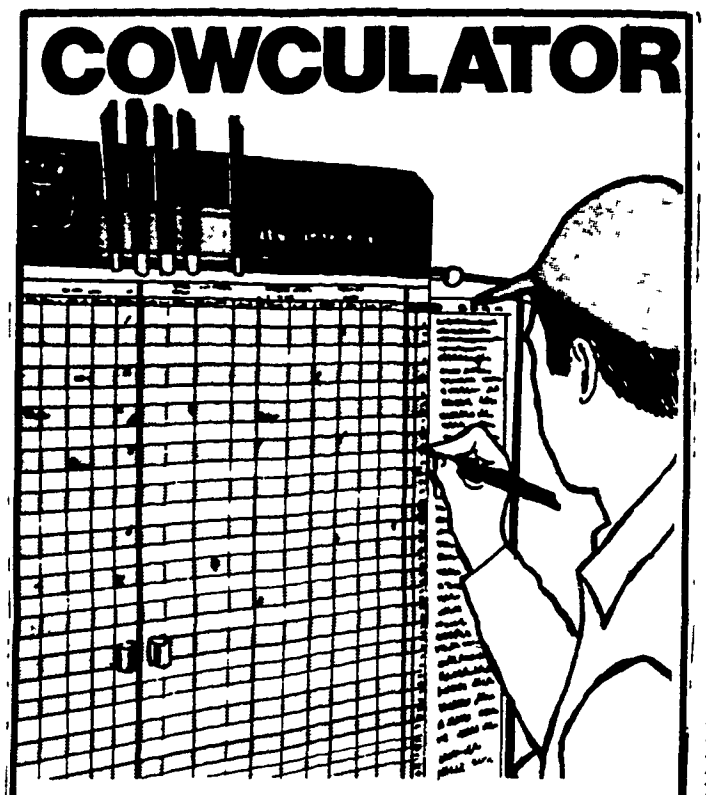
Although interest rates for farm real estate loans were high and rising during the year, the volume of new money loaned rose sharply with insurance companies lending over $900 million and the Federal land banks lending in excess of $3.3 billion. Lending by sellers of farm real estate also appeared to increase sharply.

Reporters in an October survey of market activity indicated that interest rates were up and that the availability of loan funds had diminished during the 6 months prior to the survey. Over two-thirds of all reporters indicated that loan funds were less readily available. Also 87 percent of the reporters believed that interest rates had increased during the 6-month period.

One-fourth of all reporters in October believed that fewer people were looking for farmland. Only 6 percent had this opinion in March of 1974. Although 31 percent believed the number of people looking for farms had increased, this was down from 60 percent in March and 61 percent in October 1973.

The supply of farms offered for sale apparently remained unchanged and, therefore, because of the reduced demand, rates of transfer and numbers of transfers slowed.

In the three most recent surveys prior to October 1974, 70 percent of the reporters had expected prices to rise by 5 percent or more in the next year and 28 percent had expected prices to remain unchanged. In October 1974, those expecting an increase declined to 42 percent, those expecting stable prices rose to 46 percent, and 12 percent said they thought prices would decline by 5 percent or more.



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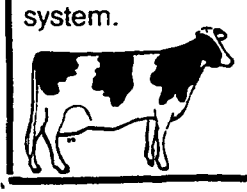

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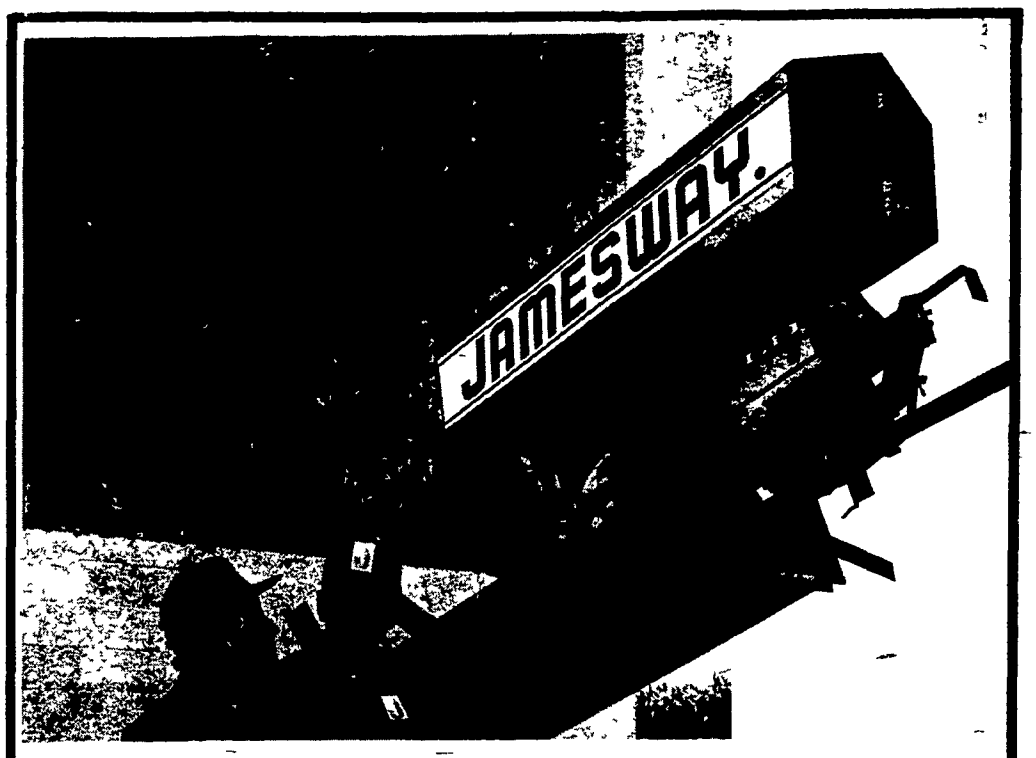

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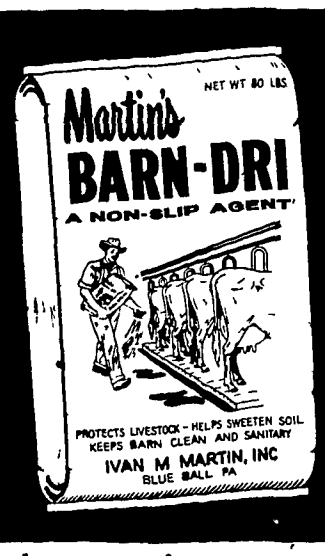

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Slaughter Heifers at Lighter Weights to Equal Steer Quality

Heifers should be slaughtered at less than 930 pounds if their carcasses are to be similar in fat content to steers slaughtered at 1,030 pounds. This was the conclusion of Drs. L. L. Wilson and J. H. Ziegler, Animal Science Department, Penn State University, from a large number of cattle of both sexes slaughtered over the last eight years. A more complete description of these results will be made available at Livestock Day, March 4 at Penn State.

Cattle involved in this project were from a crossbreeding research project conducted by the Department of Animal Science, in cooperation with the State Correctional Institution at Rockview, Bellefonte. All progeny were from Angus-Holstein cows bred to Polled Hereford or Angus bulls. The resulting calves were creep-fed at about eight months of age, and weaned from their dams at 9.5 months of age. After that time, both the heifers and the steers were fed a high-concentrate ration until each individual animal reached the assigned slaughter weight. Assigned slaughter weights for heifers were 930 pounds and for steers 1,030 pounds.

Heifers and steers both reached their assigned slaughter weights at about the same age, 431 days. Carcass weight per day of age was 1.26 pounds per day for heifers and 1.38 pounds per day for steers.

However, average fat thickness over the back at the 12th rib averaged 0.52 inches for heifers and 0.44 inches for steers. Percent cutability, which estimates the percent of the carcass contained in closely trimmed, boneless retail cuts from the chuck, rib, loin and round averaged 50 percent for steers and 48.9 percent for heifers.

Heifer carcasses contained slightly more marbling than did steer carcasses, but tenderness, as recorded by Warner-Bratzler shear which measures the amount of force required to shear cooked lean cores was less desirable for samples from heifer carcasses. There were essentially no important differences in taste panel evaluation to tenderness, juiciness, or flavor.

The greater fat thickness of the heifer carcasses indicates that the 100 pound difference in slaughter weight between heifers and steers is not sufficient to result in carcasses of equal fat thickness or cutability. Approximately 140 pounds difference in live slaughter weight would be required to result in similar carcasses.

Dr. Wilson also stated "although data were not available on feed efficiency, cattle which are fatter at slaughter usually require more feed to produce a pound of weight gain, either in the live animal or in the carcass. Therefore, the heifers in this study were probably less efficient in terms of the amount of feed required to produce a pound of beef."

Herbicides Improve Tree Reproduction

Growth of sprouts from stumps following timber clearcutting can be regulated and improved with herbicides, studies at The Pennsylvania State University show.

Five years after cutting in mixed oak-hickory forests, both the amount and kind of sprouts can be controlled with fenuron, a non-liquid herbicide, and liquid 2, 4, 5-T herbicide, as described by Dr. Robert Shipman, forest ecologist from The Pennsylvania State University, during annual meetings of the Northeastern Weed Science Society January 7 in New York City.

In summarizing 5-year findings, Dr. Shipman said no harmful effects were observed on non-target organisms such as insects, wildlife and man. As applied according to recommended rates and method of application, the two herbicides - fenuron and 2, 4, 5-T - satisfactorily improved tree reproduction and deer browse potential following clearcutting.

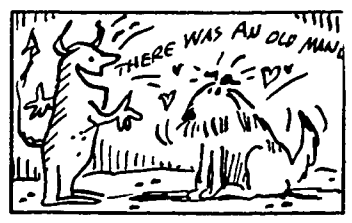
Depending upon the inherent sprouting ability of the species and site quality, sprouts serve as a major source of browse for deer and as natural reproduction for a new stand of timber following cutting. The results showed that complete cutting of all timber increased the amount of stump sprout production several hundred per cent for all species, white oak for example, produced as many as 65 sprouts per stump one year after cutting.

Dr. Shipman indicated that available browse for deer fell off rapidly after five years. By that time practically all species exceeds 7 feet in height and were beyond the reach of deer. To improve the new stand of timber 3 to 5 inches in diameter, all sprouts - with the exception of the single stem of highest quality - were treated with pelleted fenuron and a basal spray of 2, 4, 5-T. The herbicides thereby regulate the number, size and spacing of the young stand, according to Dr. Shipman.

Five years after clearcutting, the data indicated significant differences between fenuron and 2, 4, 5-T for individual tree species. Both herbicides were significantly better in controlling the desired number and size of stump sprouts than the untreated (control) plots.

The effects of decomposed logging slash and litter on the amounts of nutrients available for sprout development were also investigated. Since most of the woody plants are stump sprouts, they use the large root system of the stump to absorb available water and nutrients.

Soil organic matter, nitrogen, calcium, and phosphorus increased during the five-year period following clearcutting, Dr. Shipman pointed out. The findings indicated that nutrients are recycled rapidly in cutover mixed oak-hickory stands. Concern over deterioration of the forest ecosystem from a nutrient loss standpoint was minimal under these soil and site conditions, he added.



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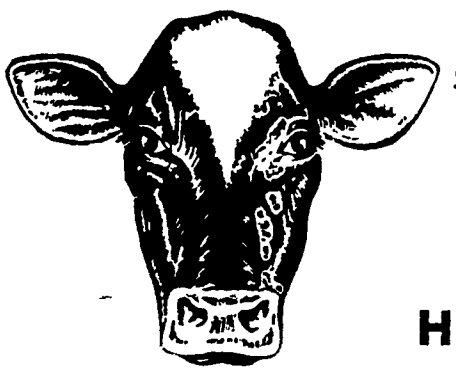

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LEBANON COUNTY DHIA MONTHLY REPORT

DECEMBER 1974

A cow in the herd of Dale E. Hostetter had the highest butterfat production for the month of December. Number 17 produced 934 pounds of butterfat with 20,567 pounds of milk.

Second high in production was Anna in the Willow Maple Farm. She produced 876 pounds of butterfat with 21,967 pounds of milk.

The herd of Richard E. Houser recorded the high herd summary, producing an average 1.93 pounds of fat.

Second high was the herd of Enos N. Leinbach.

The Lebanon County Dairy Herd Improvement Association's records of tests of county cows with over 600 pounds of fat in December are as follows:

BARN NAME	AGE YR. MO.	MILK LBS.	% FAT	FAT LBS.
Jacob M. Smith & Son				
H H Mil	7-3	12,823	5.2	672
Kenneth I Sellers				
Etta	9-2	17,527	3.5	613
Judith	4-2	16,966	4.1	703
Russel Z. Bomberger				
15	8-1	12,138	5.1	614
22	5-3	14,177	4.5	634
36	3-3	13,058	5.0	658
Willow Maple Farm				
Anna	8-2	21,967	4.0	876
Irene	7-9	17,542	4.2	728
Patsy	5-1	16,449	5.2	854
Hubert S. Miller				
Fhalice	7	18,388	4.3	784
Mildred	4-4	18,388	3.4	624
Belles	3-2	15,959	4.4	709
Ferndale Farms				
Chris	8-1	15,553	4.0	619
Misty	6-4	17,381	3.7	639
Missy	4-10	14,953	4.5	672
Millie	5	19,217	3.7	704
David Brandt				
11	7	15,986	4.1	655
9	5-4	17,016	3.9	658
84	3-1	18,127	3.8	691
Ralph E. Sellers				
Hattie	8-4	15,636	4.0	629
Karen	6-1	18,440	3.5	644
Lydia	4-3	17,844	3.5	629
M. H. & E. E. Houser				
Lila	6-5	19,617	3.5	680
Flashy	5-11	17,718	3.5	614
Mark G. Boeshore				
69 Loll	10-4	18,605	3.7	691
Hum	8-10	18,402	4.6	842
Albert F. Moyer				
Glenda	4-4	21,107	3.5	737
Peg	3-5	15,502	4.0	613
9 Tidy	5-11	19,045	3.6	683
14 Marge	5-5	17,222	4.2	730
Emiline	7-6	18,533	3.7	683
Star	4-1	17,658	4.6	814
11	2-2	17,330	3.7	637
Marlin Hitz				
53	6-5	18,114	3.4	624
28	5-3	17,315	3.7	637
7	4-3	20,229	3.2	654
98	3-6	20,410	3.5	714
Harvey T. Bomgardner				
Norling	12-9	17,851	3.6	634
Emma	6-2	19,327	3.4	666
Elaine	4-1	16,025	4.0	648
Marvin K. Meyer				
Dorene	8-2	17,228	3.7	630
Topsy	4-4	24,012	3.1	735
Grace	4-4	27,920	3.1	867
Lynn	4-5	18,367	3.5	636
Lou	4	21,220	3.0	631
Lilly	3-2	18,024	2.7	670
John R. Fortna				
Ann	8-5	17,297	4.0	695
Maurice M. Bennetch				
57	6-2	18,205	3.6	650
28	4	15,831	4.0	631
William R. Meyer				
183A	7-11	16,766	3.8	631
27B	7-9	18,005	4.0	716
160	4-4	18,969	3.5	661
104	3-6	19,802	3.6	708
96	3-4	21,144	3.1	665
Glenn S. Gingrich				
25	7-3	18,661	3.2	603
48	4-5	18,063	3.5	627
51	4-1	16,277	4.0	649
Ernest Wagner				
130	9-3	19,259	3.7	719
150	7-9	20,376	3.5	704
153	5-4	18,395	4.0	737
Dale E. Hostetter				
89B	8-3	18,450	3.5	646
17	7-3	20,576	4.5	934
12	6-2	18,274	4.1	753

(Continued on Page 45)

NAME OF HERD OWNER	DAYS ON TEST	NO. COWS	% COW DAYS IN MILK	MILK LBS.	% FAT	FAT LBS.
Richard E. Houser	35	38.3	87.4	50.7	3.8	1.93
Enos N. Leinbach	38	24.4	94.7	50.3	3.8	1.92
M. Luther Bennetch	36	51.8	90.6	51.0	3.7	1.89
Mervin W. Horst	37	32.5	87.7	46.1	4.1	1.87+
Dale E. Hostetter	36	81.7	79.6	44.7	4.1	1.82
Ernest P. Detweiler	32	40.1	87.4	47.0	3.9	1.81
Marvin K. Meyer	34	76.7	93.3	48.3	3.7	1.79
Galen Bollinger	28	86.5	90.8	44.6	4.0	1.78+
Isaac E. Zimmerman	32	15.0	67.9	38.9	4.5	1.74
Sonnen Acres	32	92.6	88.3	45.6	3.8	1.71
Leon Hoover	37	27.4	86.0	47.2	3.6	1.71
Mark C. Patches	27	83.2	83.8	44.9	3.8	1.70
Elmer M. Martin Jr.	29	34.3	79.5	41.1	4.1	1.69+
Robert Lentz	35	103.5	85.8	41.1	4.1	1.67
Norman Kline	27	85.2	89.2	43.7	3.8	1.66
Willow Maple Farm	24	49.8	80.2	40.7	4.1	1.65
Raymond N. Getz	35	55.5	87.6	42.9	3.8	1.65
Kenneth I. Sellers	33	46.2	90.2	41.8	3.9	1.64
Irvin Horst	38	61.6	84.4	44.2	3.7	1.64
Luke I. Patches	29	51.1	91.2	43.7	3.7	1.62
Phares Musser	33	46.0	90.3	44.3	3.6	1.61
Geo & Vincent Arnold	25	80.4	89.5	42.6	3.8	1.60+
Albert F. Moyer	29	80.4	87.5	39.6	4.0	1.59
Ernest Wagner	35	42.0	82.9	41.4	3.8	1.59
Lewis M. Werner	36	92.4	86.7	40.6	3.9	1.58+
Edwin E. Funck	35	37.8	85.9	40.0	3.9	1.57
David Brandt	31	63.3	82.9	40.7	3.8	1.56
William R. Meyer	29	249.4	86.5	41.1	3.8	1.56+
Ralph D. Shirk & Sons	34	71.3	83.5	39.9	3.9	1.56
Robert Martin	34	31.3	83.4	42.4	3.7	1.56
Linford L. Halteman	30	38.7	88.4	40.9	3.8	1.56+
Harvey T. Bomgardner	4	89.0	81.7	40.8	3.8	1.55
Harvey T. Bomgardner	23	87.9	80.1	41.8	3.7	1.55
Warren L. Lentz	25	52.8	83.4	40.3	3.8	1.55
Clarence Mase	34	88.3	85.3	44.5	3.5	1.55+
Clifford Groff	30	48.0	91.5	38.4	4.0	1.54
Elmer Rohrer	34	119.1	87.4	39.8	3.8	1.53
Abram T. Lefever	31	53.0	80.3	37.8	4.0	1.51
Daniel B. Shirk	30	36.7	76.5	41.9	3.6	1.51
Hershey Bare	29	73.4	76.1	37.3	4.0	1.51
Henry W. Martin	28	77.2	86.0	40.8	3.7	1.50+
Arnold Acres	30	72.4	79.6	43.8	3.4	1.49
Reuben O. Martin	32	60.2	77.6	40.7	3.6	1.47
R. & J. Farms	27	68.7	88.2	38.5	3.8	1.47+
Jessie Weaver	31	30.0	73.6	37.7	3.8	1.45+
Harold Wampler & Son	30	97.2	81.1	37.4	3.9	1.45+
Ralph E. Sellers	35	36.5	84.4	35.8	4.0	1.44
Hubert S. Miller	33	55.6	84.4	33.9	4.2	1.42
Mark Copenhaver	31	52.8	81.7	33.5	4.2	1.42+
Ferndale Farms	28	58.7	75.6	33.6	4.2	1.41
Ray R. Sattazahn	34	105.7	81.9	37.3	3.8	1.41
Clarence Stoner	23	121.2	87.9	40.0	3.5	1.41+
Ivan M. Weiler	28	47.8	85.7	34.1	4.1	1.41+
John D. Bomgardner	25	41.7	82.2	38.7	3.6	1.39
Isaac S. Brubacker	35	35.0	75.8	37.4	3.7	1.38+
M. H. & E. E. Houser	34	56.0	84.3	34.5	4.0	1.37
Marlin Hitz	34	90.9	85.0	35.7	3.8	1.36+
John H. Stick	32	31.0	92.9	31.9	4.3	1.36
Ferndale Farms	31	55.6	81.9	32.8	4.1	1.35
Clyde E. Deck	37	66.2	80.5	35.2	3.8	1.35
Glenn S. Gingrich	30	56.3	79.1	34.4	3.9	1.34
Irvin H. Kreider	39	45.8	87.6	33.8	3.9	1.32
Arthur R. Krall	34	46.0	81.0	33.9	3.9	1.32
Delmas Hernley	35	32.9	93.1	34.7	3.8	1.32+
Ralph H. Emrich & Son	29	97.6	89.2	32.5	4.0	1.31
Jeffrey D. Rymoff	23	30.0	86.7	32.7	4.0	1.31+
Warren Heffelfinger	32	32.0	79.7	33.1	3.9	1.30
Robert E. Kreider	30	47.3	77.2	35.3	3.7	1.30+
Maurice M. Bennetch	34	91.6	73.8	33.2	3.8	1.27
George R. Showers	27	147.7	83.7	35.7	3.6	1.27+
Jacob M. Smith & Son	33	87.5	84.1	25.2	5.0	1.26
John R. Fortna	30	61.3	87.1	29.5	4.3	1.26
Richard W. Funck	39	25.5	91.2	44.8	2.8	1.26+
Christian High Jr.	30	57.5	73.8	29.7	4.2	1.26+
Russel Z. Bomberger	35	71.4	83.3	25.2	5.0	1.25+
Mark H. Bomberger & Son	30	60.8	79.3	32.5	3.8	1.25

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DHIA MONTHLY REPORT

(Continued from Page 44)

86	5-3	17,232	4.2	727
90	5-3	18,235	4.4	811
91	6-2	19,278	3.8	735
101	6-4	19,010	3.6	686
3	6-10	15,715	4.5	702
15	3-10	16,976	4.4	742
2	3-3	17,296	4.6	797
Whitey	3-3	19,495	4.0	784
18H	3-6	19,060	3.5	664
M. Luther Bennetch				
Hagen	6-11	18,938	3.7	705
Phylis	5-3	16,810	3.9	652
15	3-3	15,832	4.4	691
Ralph D. Shirk & Sons				
Romeo	7	21,048	3.4	708
Irvin H. Kreider				
Peggy	9-9	16,238	3.9	627
Robert Lentz				
8	11-2	15,181	4.1	621
43	6-9	20,351	3.4	692
130 Del	7-1	20,354	3.8	782
146	5-6	19,923	3.6	724
Sonnen Acres				
Sher	6-5	20,143	3.5	703
Della	6-1	19,865	3.6	713
Jessie Weaver				
12	5-7	16,248	3.8	620
Mark Cpenhaver				
Sara	4-3	15,356	3.9	605
Honey	4-2	17,182	4.2	718
Harold Wampler & Son				
82	4	18,084	3.9	710
100	7	21,781	3.3	708
Elmer Rohrer				
66A	10-4	20,255	3.9	789
94	6-7	14,931	4.0	604
41	6-4	16,364	4.4	727
25	6-2	18,982	3.7	704
111	4-3	15,459	4.0	612
Warren L. Lentz				
101	4-2	19,151	3.2	621
Warren Heffelfinger				
3Bessie	8-3	14,190	4.2	601
Polly	4-3	15,953	3.8	608
Edwin E. Funck				
May	3-6	18,503	4.3	797
Sophie	3-4	15,048	4.2	625
Mona	2-4	16,723	3.9	658
Abram T. Lefever				
Becky	4-7	22,181	3.5	779
Jean	4-5	18,267	4.0	727
Lady	4-5	17,459	4.0	701
Pose	4-3	17,555	3.9	679
Mark H. Bomberger & Son				
42	5-3	18,506	3.8	697
31	6-1	18,678	4.0	755
Clyde E. Deck				
81	6-4	16,104	3.9	629
Mark C. Patches				
70	8-6	23,573	3.7	868
Ralph H. Emrich & Son				
1	8-8	15,059	4.4	660
Daniel B. Shirk				
Betty	7-1	17,011	3.6	607
John D. Bomgardner				
Sally	8-6	15,943	4.0	640
Tee	8-2	17,640	3.7	657
Cindy	4-4	17,966	3.6	648
Isaac E. Zimmerman				
Judy	5-4	14,419	4.9	706
Norman Kline				
B Soupy	10-1	18,111	3.5	632
Nancy	4-1	21,861	3.5	764
Richard W. Funck				
Nicki	5-1	18,437	3.6	671
Jackie	4-1	19,361	3.4	666
Russel Houser				
Martha	6-11	14,364	4.2	606
Cheryl	4-8	14,976	4.6	689
Hershey Bare				
22 Man	3-4	17,397	4.1	713
44	6	16,274	3.7	610
Clarence Stoner				
108 Red	4-9	16,455	4.1	676
Kenneth E. Ober				
49	6-11	16,514	3.7	619
Arnold Acres				
Apple	4-4	19,191	3.6	687
Ethel	7-4	22,672	3.5	783
Lady	2-7	16,837	3.6	613
Debby	3	18,338	3.5	638
Isaac S. Brucacker				
39	5-9	21,115	3.2	680
65	3-5	19,580	3.6	697
75	4-9	13,692	4.4	603
Raymond H. Zimmerman				
Pride	5-1	16,337	3.9	632
Elmer M. Martin Jr.				
43	6-6	13,347	4.6	620
Christian High Jr.				
3	5	14,866	4.3	636
Galen Bollinger				
91 Ruth	5-9	20,049	3.3	666
Clarence Mase				
Peanuts	5-10	17,698	3.9	693
Lewis M. Werner				
40Stonr	5-6	21,081	4.0	837
39		18,438	3.6	670
43	5-3	19,257	3.7	717
74	4-7	19,772	3.3	657
Raymond N. Getz				
Becky	6-10	17,787	4.1	728
Maple	10-10	17,423	4.2	738
Fay	9-3	20,568	4.1	843
Bell	5-2	20,811	3.8	798
Pearl	10-2	18,911	3.5	664
Linford L. Halteman				
Lillian	7-2	18,381	3.8	700

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15H141 Sterlingdale PIONEER Admiral
Excellent & Gold Medal; PQ [11/74] & TQ [10/74]

USDA (Nov./74) — 60 Daus. in 30 Herds Ave.	17,223M	3.37%	581F
Predicted Difference (62% rpt.)	+909M	+$55	+7F

Type: 33 Pr. Classified Daus. Ave. 81.6 (act.); +.54PDT
Sire: Mooseheart Pioneer — EX & GM
Dam: Skokie Princess X Royal Alice — VG

15H140 Round Oak ELECTRON
Good Plus & Type Qualified [10/74]

USDA (Nov./74) — 116 Daus. in 81 Herds Ave.	16,312M	3.83%	624F

Type: 44 Classified Daus. Ave. 78.2 (act.); 41 Pr. +.34 PDT
Sire: Lockway Sovereign Lucifer Lad — VG & GM
Dam: Round Oak Ivanhoe Enid — EX

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$2,500,000 FARM AND INDUSTRIAL EQUIPMENT

MONDAY and TUESDAY

FEBRUARY 3 and 4

9:00 A.M.

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WENGER'S FARM MACHINERY, INC.

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Location: South Race Street, Myerstown, Pennsylvania — 6 miles East of Lebanon, Pa., on State Road No. 422, which is located 20 miles West of Reading, Pa., and 30 miles East of Harrisburg, Pa. NOTE: Commercial air travel into Harrisburg, Pa. Private planes may land on asphalt air strip at County Airport in Myerstown, Pa. near the sale site. Overnight accommodations may be arranged by calling (717) 866-2138.

MYERSTOWN, PENNSYLVANIA

MONDAY, FEB. 3

INDUSTRIAL EQUIPMENT and FARM TRACTORS

TRACTORS

TRACTORS SOLD IN HEATED BUILDING

CRAWLER

TUESDAY, FEB. 4

FARM MACHINERY

COMBINES | MISC. FARM | CORN PICKERS | RAKES | SPREADERS

MONDAY, FEB. 3

INDUSTRIAL EQUIPMENT and FARM TRACTORS

TRACTORS

TRACTORS SOLD IN HEATED BUILDING

JOHN DEERE
- 6030
- 4630
- 2 4430
- 4230
- 4030
- 3 4020
- 3 3020
- 2 2520
- 2510
- 2020
- 2 2630
- 2030
- 520
- 530
- 2 60
- 720
- 730
- 3 A
- B
- 4520
- 4320
- 2 2010
- 3010
- 2 1010
- 50
- M T
- 1530
- 8430 (Hopefully)

IH
- 1206
- 1468
- 1066
- 966
- 766
- 666
- 70 Hydro
- 2 1026
- 806
- 706
- 560
- 3 656
- 3 544
- 3 504
- 2 404
- 340
- 400
- 460
- 3 H
- 5 Cubs
- M
- 2 200
- 230
- Super C
- 660
- 350

ALLIS CHALMERS
- 7050
- 7030
- 2 190 X T
- 185 w cab
- 2 180
- 2 160
- D10
- D17
- 4 D19
- B
- 2 G
- 175
- 170

OLIVER
- 2055
- 1950T
- 7 1855
- 7 1655
- 2 1850
- 1650
- 2655
- 77
- 1950 (GM)

CASE
- 2 1030 CK
- 930
- 1200

MISC.
- 3 D B 1200
- Leyland 384
- M M 302

FORD
- 8600
- 7000
- 2 6000
- 5 5000
- 2 4000
- 2 960
- 2 800
- 3 600
- 8N
- NAA

MF
- 1080
- 1105
- 1100
- 180
- Super 90
- 35
- 165
- 175

SKID LOADERS
- 2 Melroe 500
- Melroe 444
- Int. 3200
- 2 Case 1537
- Case 1740
- Owattona 1700
- J D. 24

30 TRUCKS & TRAILERS

TRUCKS AVAILABLE FOR DELIVERY
A FEW ITEMS SUBJECT TO PRIOR SALE

CRAWLER DOZERS
- 4 JD 350
- AC HD3
- Int TD9
- Int T9
- Int 141
- Int T340
- Cat D2
- 2 Cat D4
- 2 Cat D4C
- Case 310
- Cat D6
- 2 Cat D6B
- Cat D6C
- Cat D8
- Cat D8H
- Cat D7
- Case 450
- Oliver HG
- Case 1000
- 2 JD 440

CRAWLER LOADERS
- A C. HD4
- 2 Case 450
- Case 800
- A C. HD6
- Oliver OC46
- 5 JD 350
- JD 350B
- 3 JD 450
- 2 Cat 933
- 2 JD 2010
- 2 JD 440
- 4 Cat 955H
- 2 Cat 955K
- 2 Cat 951B
- Int TD9

LOG SKIDDERS
- 3 JD 440
- Int S7C
- Franklin 170
- Franklin 160
- Timberjack 225
- Timberjack 360

TRACTORS ★ LOADER ★ BACKHOES

3 Case 530	Int 3444	Long 1400
3 Case 580	2 Int 3414	AC D14
JD 400	Ford 4500	Ford 600
2 JD 300	Ford 5550	Case 480
	MF 300	2 Hopto

TRACTORS WITH LOADERS

Int 2500A	Ford 600
White 244	M M. 302
JD 2010	Ford 4040
Int 2404	Case 580

Terms: Full settlement before machinery is moved. Pay 25% down sale day and full settlement when you remove your purchases from the lot. Full settlement must be made by Feb. 10, 1975. Trucking is available at the customary rate.

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- 5 Hough 30R
- Hough 90
- Hough 120
- Trojan 3000
- 3 Michigan 55 Series II
- Michigan 75
- Hough HM

FORKLIFTS
- 2 Clark
- Yale 15,000 lb
- JD 2010
- Oliver 552
- Motowlift
- Koehring
- A C. 615

TUESDAY, FEB. 4

FARM MACHINERY

COMBINES
- JD 3300
- AC Gleaner E
- AC 4 Row Cornhead
- 3 AC 2 Row Cornheads
- 2 JD 40
- 2 JD 3 Row Cornheads
- 3 JD 2 Row Cornheads
- JD 30
- 3 MC 203
- MC 3 Row Cornhead
- MF 300
- MC 13' Grain Platform
- 3 Int 205
- JD 4400
- 2 MF 2 Row Cornheads
- 3 MF Grainheads
- 2 NI Uni-Systems
- 2 NI Uni-Harvesters
- NI Uni-Husker
- 2 NI Uni-Pick-Up Heads

PLOWS
- JD 5X Rollover
- 2 AC 3X
- 2 AC 4X (1 steerable)
- 2 AC 5X (steerable)
- Ford 1X
- 4 Ford 2X
- 3 Ford 3X
- Ford 4X
- JD 2X 3'
- 10 JD 3X (1 Rollover)
- 10 JD 4X (7 steerable)
- JD 4X Automatic Reset
- 6 JD 5X (steerable)
- 3 JD 5X Reset (steerable)
- 2 JD 6X Reset
- 3 Oliver 2X
- 3 Oliver 4X (2 steerable)
- 2 Oliver 4X (steerable)
- 2 Oliver 5X (steerable)
- Oliver 5X Reset (steerable)
- 2 JD 4X Rollover
- 3 Int. 2X
- 6 Int. 3X
- 6 Int. 4X (5 steerable)
- 5 Int. 5X (4 steerable)
- Int 6X (steerable)
- Int 7X (steerable)
- 2 National 3X

MISC. FARM EQUIPMENT
- 20 - 3' Blades
- 40 - Gravity Bins
- 6 - Corn Cribs
- 4 - Garden Tractors
- 25 - Gates
- 12 - Post-Hole Diggers
- 30 - Sections of Rotary Hoe
- 20 - Rotary Mowers
- 6 - Seeders
- 3 - Sprayers
- 12 - Snow Plows
- 3 - Snow Blowers

HAY CRUSHERS
- 2 - NI Cut-Ditioner
- MC Crusher
- 4 - NI Crushers
- 4 - AC Crushers
- 2 - JD
- Gehl

CULTIPACKERS
12 - Various

FERT. DRILLS & SPREADERS
- 6 - Misc Drills
- 10 - Spreaders

DISC HARROWS
- 8 - Int. Pull Type
- 2 - Int. FH
- 8 - Int Wheel Discs
- 8 - JD Pull Type
- 16 - JD Wheel Discs
- 4 - JD Offset Discs
- Case Wheel Disc
- 5 - Oliver Wheel Discs
- Athens Offset Disc
- King Offset Disc
- Miller Offset Disc
- Long Offset Disc
- 2 - Ford 3 Pt Discs

CORN PICKERS
- NI 310
- 3 - NI 323
- 4 - NI 2 Row Mtd.
- 2 - NI Husking Bed
- 2 - NI Grinder Attach.
- 6 - NI Sheller Attach
- 11 - NI 2 Row Pull Type
- Int. 234
- Oliver 73 H

CULTIMULCHERS
- 3 - JD
- 3 - Chattanooga
- 4 - Brillion
- Durham

WAGONS
- 10 - Self Unloading
- 4 - Flatbed
- 3 - Trailers

MOWER CONDITIONERS
- MC 175 Self-Propelled
- 4 - NH 469
- JD 480
- AC 9'
- 2 - NH 460

LOADERS
30 - Assorted Loaders of various makes and models including some new

CULTIVATORS
- 3 - Ford 2 Row 3 Pt
- JD 4 Row Rear Mtd
- 6 - Misc. JD
- Int 4 Row Rear Mtd
- 20 - Misc Int
- 2 - Case Field Cult
- 2 - JD Field Cult
- 10 - Misc Cult

RAKES
- 4 - NH (late)
- 3 - NI (late)
- 2 - JD (late)
- 5 - Misc.

BLOWERS
- 3 - Gehl
- 2 - Kools
- 2 - NH
- Fox

BALERS
- 2 - JD 14T
- AC 303 W-PTO Thrower
- NH 268
- 4 Balethrower Attach

MOWERS
- 1 - Case
- 5 - Int
- 8 - JD
- 4 - NH
- 1 - MF
- 2 - Mott

CORN PLANTERS
- 4 - Int 2 Row
- 4 - Int 4 Row
- 4 - JD 2 Row
- 3 - JD 4 Row
- JD 8 Row
- 2 - Oliver 4 Row
- Ford 2 Row
- AC 2 Row
- Case 4 Row Chisel Planter

GRAIN DRILLS
- 3 - JD
- 2 - Int.

SPREADERS
- 6 - Starline
- 8 - NI
- 5 - NH
- 2 - Olivers
- 3 - MC
- AC

ELEVATORS
12 - Various Makes & Lengths

HARROWS
- 3 - Spike
- Oliver Wheel Harrow
- Brillion Wheel Harrow
- 15 - Misc Spring Harrows

HARVESTERS
- Int 16
- Case 300
- 3 - NH 717
- 3 - Fox Harvesters
- NH 818 Self-Propelled
- Gehl Self-Propelled
- 10 - Misc. Corn & Pick up Attachments

FEED MILLS
- Gehl
- Helix
- JD
- 2 - NH
- Int. Farmhand

STALK CHOPPERS
- 3 - NH 36
- 2 - JD 16A
- 2 - JD 15
- 2 - Ford Rear Mtd.
- 3 - Brady
- NH 33
- Gehl 72
- 4 - Misc.

ATTENTION — FARMERS & DEALERS: This will be one of the largest line of Farm & Industrial Equipment ever to be sold at auction. Selling will be Monday, Feb. 3 starting at 9 o'clock a.m. Construction equipment and trucks. Farm Tractors sell at 1 o'clock Monday. All other farm equipment will sell starting at 9 o'clock Tuesday. Don't miss this sale. We invite you as buyer or visitor. --Midwest Auction Co.

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Developing Bahama Agriculture

Development of agriculture in the Bahamas - an area related traditionally to fishing and tourism - is the goal of a project within the College of Agriculture at The Pennsylvania State University. Experiments are already underway with livestock, forages, and other crops.

Bahama islanders produce only 15 per cent of their total food needs, according to Dr. Robert H. McAlexander, Coordinator of International Agricultural Development at Penn State. Over 60 million dollars in foreign exchange is spent on food imports to Jamaica each year, he said. The Bahamian government, he added, wants to reduce these foreign exchange costs by increasing food production.

"We expect the results of a pilot project in producing livestock and food crops will apply to many islands in the Bahamas as well as other tropical countries," Dr. McAlexander stated.

Penn State personnel have a pilot project underway on Andros Island. The work is supported by funds from the U.S. Agency for International Development (USAID). Non-degree training and logistical support come from the Western Institute of Science and Technology (WIST) of Waco, Texas.

A center for research, training, and demonstration has been established on Andros Island. Research information from the center will be used to develop family-size demonstration farms. The center will continue as a source of information for further expansion of agriculture in the Bahamas, spreading from a 2000 acre site to the surrounding area.

Farmers are to be selected by the Bahamian government in consultation with social scientists and agricultural specialists working with the project.

Penn State faculty members have major responsibility for assistance on the research. This includes such phases as land clearing and preparation, selection and production of appropriate forage species, levels of fertilization, forage preservation and utilization, use of supplemental irrigation, and factors affecting animal health and performance.

In addition to livestock - cattle, swine, sheep, and goats - consideration will be given to production of food grains, fruits, and vegetables. Marketing potential for various livestock and agricultural products is being studied. Sociological studies are underway to determine attitudes toward farming and criteria for selecting farmers.

About 500 acres of land have been cleared on Andros Island. Some 200 acres of rocky soils are being used for research and demonstration activities. Fifty head of Santa Gertrudis cattle are at the center.

Plans are being made to establish 16 family-sized operations over the next three years. This requires training programs for Bahamians to become farmers. In the past, agriculture has never been an important part of the economy.

People of Bahama are being trained to operate the center. Bahamian counterparts to Penn State and WIST personnel are being appointed. Ten to 12 people from the Bahamas will be brought to Penn State or other universities for degree programs in agriculture, mainly at the master of science degree level. Upon graduation, these individuals will be assigned key roles at the center.

Eastern Sports & Outdoor Show

The 20th annual Eastern Sports and Outdoor Show, coming to the State Farm Show Building, Harrisburg, February 8-15, has been billed as "A Show for All Seasons", because it will cater to the full year-round cycle of outdoor interests and activities.

Judging from the tentative schedule of attractions announced today by President Manuel Sherman, of Sherman Exposition Management, Inc., Chestnut Hill, Mass., the Show's producer, it could be billed as "A Show for All Citizens," as well.

The entertainment fare this year, Sherman said, will include something for everyone: a fast-moving, twice-daily Stage and Water Show; live animal exhibits, a catch-'em - and - keep'em trout pool, a turkey-calling competition, dog obedience demonstration; a continuing Fishing Clinic for both beginners and experts; travel exhibits, an expanded Lawn and Garden Show, and of course, outdoor and recreational equipment and accessories.

Highlighting the Stage and Water Show will be competition between men and women log-rollers and canoe-tilters, one of the contestants being Bonnie Fisher, international women's log-rolling champion; a demonstration in the handling of retrieving dogs by Loral Delaney, nationaly known dog trainer and sportswoman; a sensational teeter board tumbling and comedy act by the Cristianis; and a breathtaking roller-skating act on a six-foot-diameter table top by the Blue Streaks. Jessie Griffiths will be at the organ and Don Dennis will be master of ceremonies, repeating the role he filled last year.

Sherman said that as in prior years the Show will be closed to the public on one day - Sunday, February 9 - which will be observed as an exclusive dealer and jobber day. On the seven days the Show is open to the public, it will be open a total of 74 hours.

U.S. Simmental Sale To See 58 Purebreds

Fifty-one purebred females and 7 purebred bulls are mong the 140 lots selected for American Simmental Association's 5th annual national sale, Sunday afternoon, February 23, at the Houston, Texas Astrodome.

The sale is preceded, on February 22, by ASA's 7th annual convention at the Astroworld Hotel. All Simmental events are being held during Houston's Stock Show and Rodeo.

Leading the 140 lots of performance-tested Simmentals are three purebred cow - heifer calf pairs. One of the three cows sells guaranteed safe-in-calf, another sells as bred and third is open, according to Chester Martin, Henderson, Texas rancher and sale chairman.

The sale offering also includes two purebred Simmental heifers, safe-in-calf, and 46 open purebred Simmental heifers. The seven purebred Simmental bulls include four consigned by U.S. breeders and three from Canada.

"For all practical purposes, the U.S. border has been closed to imports from Canada. U.S. Department of Agriculture officials don't expect the embargo to be lifted until August, 1975. Since entry through Canada has played an important role in our breed, the import ban focuses greater interest on the 58 purebreds in this sale," Martin said.

Consignments, in addition to the purebreds, include 38¾-blood Simmental heifers, selling safe-in-calf, and 43¾ bloods selling open.

ASA sale rules specify that females selling safe-in-calf must have been bred at least 90 days prior to palpitation by a licensed veterinarian, and his certificate of pregnancy must accompany each individual.

"Performance data from the 1975 National Simmental Sire Summary is included in the sale catalog so that a prospective buyer can select females carrying the performance traits most needed in his herd. Since performance testing is mandatory for all Simmentals entered in the herdbook, performance data shows how each sire's progeny compares with the other 200,000 registered to date. This helps eliminate the hit-and-miss aspect of cattle breeding," Martin said.

Copies of the national sale catalog and convention program are available from the convention host, Texas Simmental Association, 101 North St. Mary's Street, San Antonio, Texas 78205 and from American Simmental Association, 1 Simmental Way, Bozeman, Montana 59715

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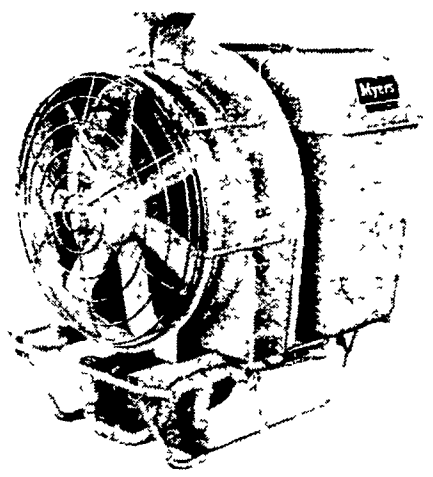

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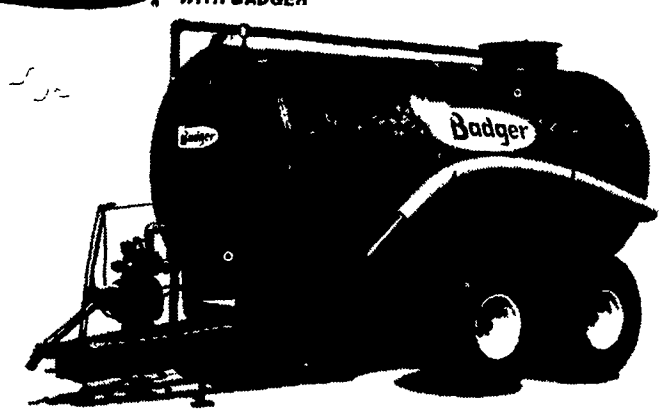

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Canadians Going After The World Grain Market

When U. S. agribusinessmen sell farm products abroad, it's a good bet they meet up with some Canadians going after the same customers.

For the past several years, our neighbors to the North have been revving up their market development program, for wheat in particular.

Each year the Canadian Federal Government alone allocates up to $10 million for a new cost-sharing Market Development Fund for Agricultural Products. This is a relatively large sum considering that Canada's farm exports in 1973 came to just $3 billion. However, total expenditures by the fund can total less than $10 million in any given year.

Though not the only commodity Canada is pushing, wheat outshines the others. Through most of the 1960's Canadian wheat was generally regarded as the best on the world market, and it was virtually the Dominion's only important farm export. The world market for the Canadian product was stable and there seemed to be little need for promotion abroad.

But in the late 1960's a number of factors combined to send Canada jumping into heated competition with U.S. exporters.

Surpluses weighed on the world wheat market and new technological developments in breadmaking minimized the quality advantage of Canadian wheat. Canada's wheat exports and share of the world wheat market dropped dramatically.

To make matters worse, the European Community (EC) was tightening its restrictions on imports, and the Untied Kingdom was expected to join the club. Canada's access to European markets was narrowing at a time when the U.S. was stepping up its sales promotion in Europe to try to minimize its losses from the EC trade restrictions.

The Canadian Government decided to launch projects to expand existing wheat markets, penetrate new ones, and diversify its crop production--away from wheat and toward barley and rapeseed.

In 1972 Canada launched a cost-sharing program for the development of grain and oilseed production, which receives up to $7 million per year in government funds. In 1973 Canada launched an additional cost-sharing program covering just about every other farm product, with allocations by the Canadian Government of up to $3 million per year.

Canada now boasts particular success in expanding its market for grains, oilseeds, and pork in East Asia. It has expanded its largest wheat outlets to include Japan, the People's Republic of China, and the Soviet Union, and has also become a major world exporter of barley, rapeseed, linseed, and tobacco.

When world supplies are more abundant, effective promotion in world wheat markets can give the U.S. a hard time because Canada continues to produce some of the best wheat in the world.

But selling barley and rapeseed as basic ingredients of animal feed is much more difficult. The ingredients offered by U.S. farmers--corn and soybeans--enjoy far greater acceptance in markets around the world.

Besides promoting its products abroad, Canada is attempting to develop new or improved products and processes. Resesrch has centered on developing a kind of dual purpose wheat that would be nutritional enough and cheap enough to substitute for corn in animal feed, and that would be also suitable for bread and noodle making.

Researchers are also trying to make rapeseed meal fit for direct human consumption. If they find a way to economically detoxify rapeseed meal, it would not only increase its use in feed compounds, but would make it acceptable for use in meat extenders, synthetic dairy products, and other foods.

The Canadians are looking at all aspects of the business. They're financing better processing, transportation, and distribution facilities at home, and financing similar investments in potential markets overseas.

Since the beefing up of Canada's agricultural development programs, food surpluses have about disappeared, and the world market has tightened up. This is anything but a straight cause-effect relationship, however, since world weather and market conditions have been chaotic in the past few years. Thus, it's difficult to assess the impact of the promotional programs.

If and when world demand for farm products slackens, however, and the need to seek out and develop new markets becomes more pressing, Canada's competitive position is expected to benefit greatly as a result of its new programs.

Relief Sale Kickoff Dinner is Scheduled

Preparations have begun for the 1975 Tri-County Relief Sale to be held on April 26 at the Twin Slope Market, Morgantown. Proceeds from this sale, held annually, go to the Mennonite Central Committee for world-wide relief.

The first event in the preparation is the kick-off dinner scheduled for February 22 at the Twin Valley High School. This dinner, open to the public, is a fund-raising event to help underwrite expenses for the sale. Tickets cost $3.75 for the cafeteria-style dinner, and arrangements are being made to serve 950 persons at three separate seatings: at 4:30, 5:15, and 6 p.m.

The Musical Messengers, a band directed by Joseph Clemmer of Harleysville, will supply the entertainment, starting at 6:30 p.m. Floyd Hackman, also of Harleysville, will be the speaker of the evening.

Members of the Tri-County Relief Sale board and their wives met recently and made initial plans for the kick-off dinner and completed several decisions pertaining to the sale.

Officers and committee chairmen of the 12-member board are John Hostetter, chairman of the board; Marvin Stoltzfus, secretary; Paul Hoover, treasurer; Mrs. Ben O. Stoltzfus, publicity; and Harold Zimmerman, food chairman. Other board members are Roy Glick, Phares Martin, Mervin Zimmerman, Warren Hollinger, Leroy Phaust, Titus Sensenig, and Ralph Hertzler. Other helpers are Ben O. Stoltzfus, assisting with publicity; and Daivd Pierantoni, in charge of ticket sales for the dinner.

Tickets for the kick-off dinner may be purchased from: David Pierantoni, Honey Brook, RD3 (Telephone 273-3060); Hollinger's Market, Ephrata RD (733-4151); Paul Hoover, Kinzers Ave., New Holland (354-9106); Clemmer's Music Store, 764 Harleysville Pike, Harleysville 19438 (723-4813); Provident Book Store, Souderton 18064 (723-4397); and MCC Material Aid Center, Trout Run Rd., Ephrata (733-2847).

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YORK COUNTY DHIA MONTHLY REPORT

December 1974

With 1,004 lbs. of fat and 22,951 lbs. of 4.4 percent milk, Light, a registered Holstein cow owned by Sinking Springs Farms Incorporated, RD5, York lead the list. Dottie, a registered Holstein owned by David Stewart, RD2, Delta followed closely with 23,301 lbs. milk at 4.2 percent for 988 lbs. fat.

David Stewart, RD2, Delta had the high herd on 56 cows producing 49.7 lbs. of milk at 4.1 percent for 2.06 lbs. of daily fat. Curtis Thompson, RD2, Delta was second high herd with 44.9 cows producing 55.2 pounds of 3.7 percent milk for 2.04 lbs. of daily fat.

BARN NAME	BREED	AGE YR. MO.	DAYS IN MILK	MILK LBS.	PERCENT FAT	FAT LBS.
David Stewart						
Dottie	3	5-7	305	23,301	4.2	988
Monica	3	5-4	305	21,591	4.0	863
Kate	3	4-2	305	23,373	3.8	882
Barb	3	4-3	305	20,342	3.9	792
Beulah	3	2-11	305	13,762	4.2	578
Susquehanna Dairy FM						
Bettylo	3	8-6	305	17,906	3.3	595
Fawn	3	7-5	305	16,466	3.9	646
Candy	3	3-7	305	14,180	4.3	607
Fawn Valley Farm						
Portia	3	7-4	305	14,866	4.0	590
Lady	3	5-8	305	15,259	3.5	535
Spot	3	3-5	305	14,394	3.6	514
Emory & Wm. Kilgore						
5	3	3-2	305	11,824	4.5	528
Curtis V. Thompson						
Chris	3	7-3	305	19,543	3.1	607
3C	3	5-7	305	24,879	3.2	800
38C	3	4-10	186	17511	3.2	561
51	3	3-4	305	24,943	2.4	605
William H. Fantcm						
57R	3	8-7	305	18,108	3.8	685
75R	3	6-4	305	19,840	3.7	743
Ellis Crowl						
Dolly	3	6-3	305	16,793	4.2	701
Don	3	5-7	300	18,333	3.4	615
Iwruby 2	3	5-1	305	17,800	3.7	657
Alice	3	4-4	273	12,367	4.1	504
Bulleye	3	3-3	305	17,811	3.3	593
J. E. Lanius & Son						
Lavendr	2	4-3	305	12,165	4.4	540
Sinking Spring Fming						
Sal	3	5-8	305	20,313	4.2	861
Light	3	5-1	305	22,951	4.4	1,004
Janis	3	4-3	305	19,345	3.7	711
Julip	3	2-3	239	12,384	4.1	503
Beshore Farms						
Dorrie	3	6-1	304	15,630	4.2	656
Ola	3	5-4	305	19,224	3.3	640
Novem	3	3-3	305	15,141	3.9	596
Janee	3	3-1	305	16,492	3.6	591
Leroy Hertzler						
Della	3	6.10	259	13,840	4.5	624
Gum Tree Farm						
Ovette	3	7-6	305	18,773	3.2	610
Piebe	3	6-4	305	16,716	3.5	579
S Star	3	3-4	305	14,991	4.1	617
Harold Good						
92	2	8-1	304	12,956	3.9	501
114	2	10-7	305	12,488	5.1	638
144	2	10	305	11,494	4.7	539
30C	2	2-3	293	10,490	5.1	538
Fred Sprenkle						
Jackie	3	5-2	305	17,651	3.3	584
Honey	3	3-5	305	16,760	3.4	575
Patsy	3	4-10	305	17,746	3.5	623
Henny	3	2-4	305	12,643	4.1	524
Eugene M. Kilgore						
Beverly	2	4-6	289	10,691	4.9	523
Trudy	3	3-2	305	14,180	4.2	590
Colleen	2	2-3	305	11,552	5.1	586
Ira L. Boyer						
Helena	3	10-3	305	19,975	3.6	725
Hova	3	4-2	305	17,962	3.7	656
Nadine	3	4-3	305	16,120	4.3	698
Ora	3	3-7	282	16,505	3.7	618
Olga	3	3-5	305	14,189	4.6	652
Earl Fuhrman						
Mable	3	6	305	13,952	3.7	520
Ginger	3	3-11	300	17,047	3.7	629
Nola	3	3-3	305	17,152	3.6	609
Creek Ayr Farms						
Delia	1	8-4	305	12,643	5.0	636
Heidi	1	6-6	294	13,199	3.9	517
Sharon	1	3-6	305	15,690	4.0	632
Coleen	3	2-9	305	18,019	3.9	700
Vincent C. Webb						
23	3	5-4	305	13,038	4.3	557
140A	3	4-11	291	16,025	3.8	607
44A	3	5-2	305	18,047	3.2	585
157	3	4-7	278	14,142	4.3	603
Roy & Frank Feeser						
Lizy	3	8-1	268	15,115	4.0	609
Carrie	3	5-3	280	19,652	3.4	677
Angela	3	4	267	13,056	3.9	504
Boots	3	3-4	299	14,062	3.8	529
Satin	3	3-4	241	11,450	4.4	501
Lora	3	3-5	242	11,661	4.5	530
Loraine	3	2-3	305	13,761	3.7	510
Marcy	3	2-4	305	14,413	3.7	531
Inka	3	2-4	305	14,874	3.7	550
H. E. Fetrow & Sons						
Lizzie	3	12-3	296	16,836	3.3	559
Jewel 2	3	11-1	305	18,105	4.0	725
Ruby	3	11	280	15,019	3.4	507
Donna	3	4-8	305	18,764	3.3	625
Joy	3	2-6	305	18,533	3.1	570
Becky	3	2-5	305	14,210	4.0	574
Ralph E. Bentzel						
Pickles	3	2-8	305	12,124	4.4	538
Stump Acres						
Cookie	3	7-6	305	19,267	3.3	639
Mariane	3	5-2	305	22,812	4.0	903
Twinkle	3	3-7	305	18,179	4.5	812
Kamona	3	2-3	291	11,799	4.6	539
J. H. & M. B. Hushon						
45	3	5-6	294	16,089	4.3	697
19C	3	8-1	257	12,628	4.0	502
Adrian Rinehart						
75	3	5-5	299	15,776	3.7	581
31	3	4-8	305	15,549	3.3	507
Bernard L. Warner						
Greta	3	7-5	305	16,755	3.1	523
T. Edwin Johnson						
Star C	3	4	305	11,288	4.5	512
Hidden Springs Farm						
Lovey	3	3-1	305	12,948	3.9	501
C. Robert Kilgore						
Fran	3	7	305	18,800	3.8	713
Avalong Farms Inc.						
Ioka	3	5-9	305	20,487	4.0	824
Fran	3	7-3	305	16,461	3.7	616
Gwen	3	4-4	305	15,290	4.1	634
Janner	3	5-11	305	16,768	4.3	724
Avalong Farms Inc.						
F. Leona	2	10-3	271	9,557	5.6	531
C Cup	2	7-8	305	14,925	5.3	791
Flora	2	5-8	305	18,405	4.9	907
Paul P. King						
Liberty	3	3-7	305	15,015	3.6	547
Corky	3	4-1	305	15,824	3.9	623
Wayne B. Mummert						
54	3	2-4	305	12,672	4.0	501
22	3	2-6	305	20,802	3.0	627
D. Fantom & E. Gordon						
22	3	7	305	15,781	4.4	698
34	3	9-1	305	14,364	4.8	688
Melvin Diem Jr.						
Jennie	3	6-7	305	16,948	3.7	633
Daniel A. Rohrbaugh						
3	3	4-3	301	15,181	4.4	674
56	3	4-5	299	15,161	4.0	608
17	3	4-2	300	14,009	4.3	606
J. Herr						
Seila	3	4-1	305	13,694	3.8	519
Horace E. Heindel						
Lettie	3	4-3	305	13,975	3.9	548
Melony	3	7-3	285	14,060	3.9	554
45	3	5-4	305	13,058	3.9	508
54	3	5-8	305	14,756	3.6	533
Bingo	3	4	305	16,725	3.9	645
Tabula	3	5-1	276	15,471	3.3	507
Carl Anderson						
7	3	9-9	305	15,133	3.7	553
17	3	5-10	289	16,144	4.1	667
24	3	8-5	285	15,052	3.4	506
Charles A. Parrish						
55	3	2	301	15,582	4.2	662
Benjamin E. Conley						
Peggy	3	5-4	305	16,591	3.9	642
Sylvia	3	4-4	292	12,132	4.5	542
Janet T	3	3-9	305	14,814	3.8	569
Ginny	3	3-6	305	13,860	4.2	586
Mc Ral Dairy Farm						
20	3	7-1	304	20,007	3.5	695
44	3	4-8	305	16,955	3.3	553

New 2500 Spring-Reset Plows can slide over sloping rocks or trip to pass over 15-inch obstructions

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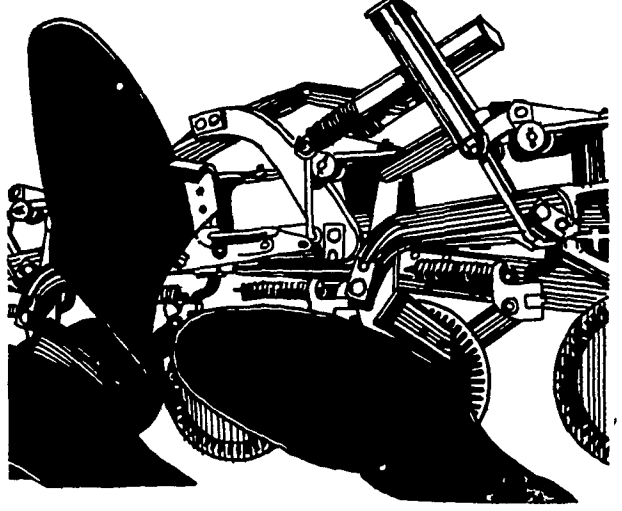

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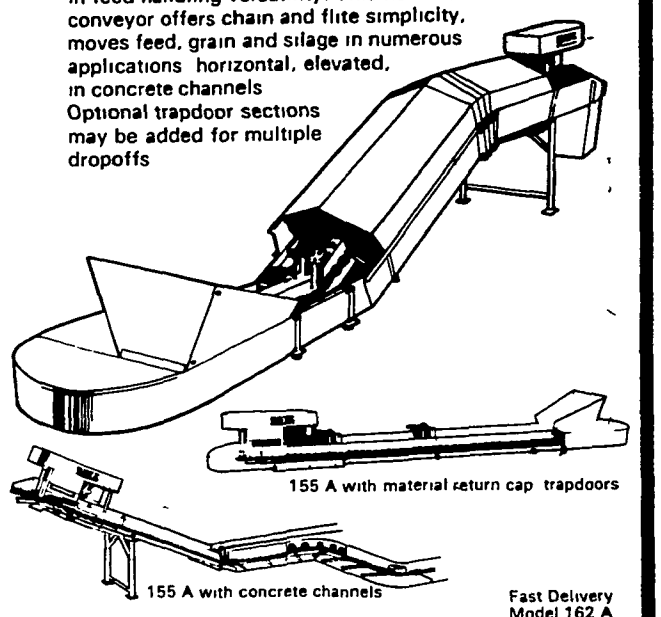

155 A with material return cap trapdoors

155 A with concrete channels

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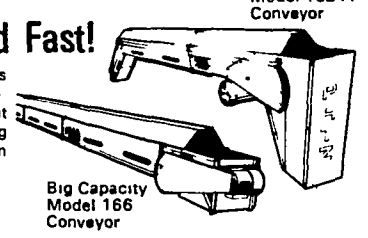

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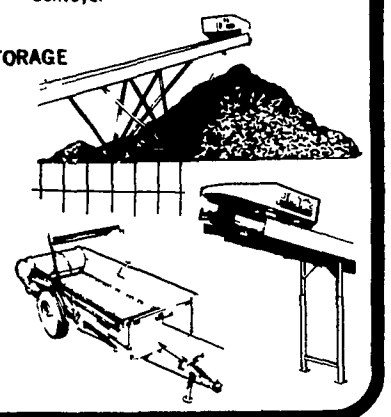

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NAME OF HERD OWNER	BREED	NO. COWS	PERCENT COW DAYS IN MILK	MILK LBS.	PERCENT FAT	FAT LBS.
David Stewart	3	56.0	89.7	49.7	4.1	2.06
Curtis V. Thompson	B8	44.9	92.8	55.2	3.7	2.04+
Sinking Spring Fminc	3	66.4	81.6	46.0	4.3	1.99
Paul R. King	3	46.8	84.7	48.0	4.1	1.97
Robert R. Stewart	B3	37.0	93.2	47.1	4.0	1.90
William H. Fantom	B8	58.8	94.3	45.8	3.9	1.80
Vincent C. Webb	B8	75.2	90.4	44.6	4.0	1.78+
Daniel A. Rohrbaugh	B3	41.6	103.2	44.4	3.9	1.75
Gum Tree Farm	B3	42.0	88.6	46.6	3.7	1.74
Harold Good No. 2	B8	74.0	84.6	42.7	3.9	1.68+
Ira L. Boyer	3	49.0	85.8	44.9	3.7	1.66
Charles A. Parrish	8	13.0	97.1	42.1	3.9	1.65
Earl Fuhrman	B8	63.3	80.9	39.8	4.1	1.62
Lynn Wolf	B3	35.0	85.2	44.8	3.6	1.61
Eugene M. Kilgore	B8	57.7	84.2	34.7	4.5	1.57+
Stump Acres	B8	110.7	84.7	35.2	4.4	1.55
H. E. Fetrow & Sons	B3	77.5	88.1	41.1	3.7	1.54
Wayne B. Mummert	B3	71.7	83.8	38.4	4.0	1.54
Mc Ral Dairy Farm	B8	111.7	86.7	39.0	3.9	1.54
Ellis Crowl	B8	63.7	92.7	38.2	4.0	1.51
Paul R. King	3	43.6	71.9	35.9	4.2	1.51
C. Robert Kilgore	B3	41.8	91.8	39.4	3.8	1.49+
Carl Anderson	B8	50.5	85.8	38.1	3.9	1.48
Benjamin E. Conley	B3	54.7	82.3	34.6	4.2	1.47
Leroy Hertzler	B8	32.6	80.8	37.8	3.9	1.46
Adrian Rinehart	B3	99.5	91.8	38.9	3.8	1.46
T. & M. & M. K. Walker	G3	40.1	89.8	37.5	3.8	1.44
T. & M. & M. K. Walker	G3	40.0	90.0	36.1	3.9	1.42
Beshore Farms	3	46.8	83.9	35.7	3.9	1.41
Roy & Frank Feeser	B3	113.6	80.2	38.5	3.7	1.41
Avalong Farms Inc.	B2	70.1	78.9	29.1	4.8	1.41
Fawn Valley Farm	B3	59.5	87.0	33.9	4.1	1.40
Melvin Diem Jr.	G8	51.5	86.7	34.2	4.1	1.40+
Hidden Springs Farm	B3	56.7	84.6	33.7	4.1	1.39
Phillip D. Laughman	3	28.8	78.4	38.7	3.6	1.39
D. Fantom & E. Gordon	B8	49.0	94.9	32.5	4.3	1.39
Horace E. Heindel	B3	120.2	81.0	34.8	4.0	1.39+
J. H. & M. B. Hushon	B3	82.5	86.1	33.7	4.0	1.35
Harold Good No. 3	B2	131.5	81.9	26.8	5.0	1.35+
Clair E. Myers	B3	34.8	91.9	43.1	4.0	1.71
Orn-Cos Ponderama Dy	B8	55.2	77.3	36.4	4.5	1.63
Robert M. Bates	B8	52.3	84.4	42.6	3.8	1.62
Eisenhart Bros.	B3	55.2	95.9	37.6	4.1	1.54
Charles A. Emig	G3	41.9	81.6	35.0	4.1	1.45+
Doll Zirkle	B3	31.0	82.9	37.9	3.8	1.43

Crossbreeding Program Set For Livestock Day

Crossbreeding programs with special emphasis on small cow herds, and in a period of high feed prices, will be outlined at Livestock Day, to be held March 4 at The Pennsylvania State University. The subject will be discussed by Dr. L. L. Wilson, Professor of Animal Science.

According to Wilson, the first two requirements of a successful crossbreeding program are that the commercial producer plans a long-range program knowing which breeds will be used each year, and that there is a good source of bulls within his locality. A third important requirement is the the commercial producer must really want to use crossbreeding. As Wilson stated "Many of our commercial beef cattle producers do not want to have crossbred cows. In these cases, they should probably continue their cow herd as purebred. However, they may be passing up the chance to increase the production of their cow herd by 20 percent or more." The advantages and disadvantages of different types of crossbreeding programs, such as the terminal sire, two-breed crisscross, and the three-breed rotational crossing systems will be outlined.

According to research summarized by Wilson from five trials conducted across the U.S., crossbreeding only with the Angus and Hereford breeds will improve net profit by 20 to 25 percent. The main advantage of crossbreeding is in the increased calving percent and fertility of the cross bred Angus-Hereford cow. This productivity can be increased even further if large breeds of bulls are used to bring in additional growthiness and carcass leanness, without reducing the other traits that are improved by crossbreeding within Angus and Hereford. According to Wilson, one important caution with large breeds of bulls is in calving difficulty that can result especially in first-calf heifers. Another type of program is a terminal sire program, where all of the calves are slaughtered and heifer replacements purchased from outside the herd. It would be a three-breed rotational cross if heifer calves from the use of a third sire breed on Angus-Hereford cows were kept for herd replacement.

Also discussed will be results of a beef-dairy crossbred herd, bred to different breeds of bulls including some of the newly available Continental breeds. Although the beef - dairy crossbred cow does have the capacity to produce heavy calves at weaning, these types of cows do require better management than purebred beef cows or crosses among the beef breeds. This is especially true during rebreeding season, when feed intake should be about 25 percent more than recommended for other types of cows. If feed intake is not sufficient during this period, then a low fertility rate and less profit may result.

Wilson also emphasized the importance of selecting performance - tested high - performing bulls regardless of the crossbreeding or purebreeding schemes used. "There is no substitution, either management or crossbreeding, for outstanding herd bulls. However, outstanding bulls in a commercial herd may best be used through crossbreeding," Wilson stated.

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A Full Line of Famous PURINA CHOWS & HEALTH PRODUCTS

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Wilson Company Closes Three Plants

Wilson & Co., Inc., one of the nation's largest meat packing and processing companies and the nation's largest slaughterer and processor of pork, announced recently it was closing three of its pork packing plants indefinitely because of adverse economic conditions.

Henry S. Amalong, President and Chief Operating Officer, said that the relationship between the selling price of its fresh pork products and the price the company had to pay for livestock did not permit it to recover out of pocket expenses.

The three plants affected were Wilson units in Des Moines, Iowa; Marshall, Missouri; and Monmouth, Illinois. Approximately 850 employees will be laid off: some 300 at Marshall; 300 at Monmouth and 250 at Des Moines.

Amalong said that slaughter operations would be halted with the plants' cutting and shipping operations having been concluded Tuesday, December 31.

He noted that operations at the three plants had been halted despite the fact that the company paid holiday pay and a guarantee payment for the week to all affected employees.

Amalong said that a substantial drop in pork demand was largely responsible for the plant closings.

The Wilson president said that a decision regarding additional layoffs, closings and-or resumption of operations would depend on economic conditions within the industry.

Wilson has been reducing pork operations at all plants since early December but the reductions were increased sharply after December 20, with a significant number of layoffs at all pork units.

Wilson & Co., Inc., is a full-line producer of fresh and processed pork, beef, lamb and poultry. The Company employes 16,000 persons and has operations throughout the United States as well as England and New Zealand. Sales last year were in excess of $2 billion. Wilson is a wholly-owned subsidiary of The LTV Corporation, Dallas.

Pesticides Conference Slated

Ways in which to get the most out of available soil nutrients will be discussed by a number of experts at the annual Lime, Fertilizer, and Pesticides Conference scheduled for January 29-31 at The Pennsylvania State University.

"Sessions will be held in the University's J. O. Keller Building starting at 1 p.m. on January 29," said Dr. C. Marshall Ritter, Penn State professor of pomology and conference chairman.

He added that farmers, agricultural industry personnel, and educators are invited to attend.

The afternoon session on January 29 will center on new rules in lime and fertilizer manufacturing, handling, and use; transportation outlook for plant food materials; and remarks by Dr. James M. Beattie, dean of the Penn State College of Agriculture.

Another highlight of the conference will be a discussion on the regional fertilizer situation. This session, to be held January 30, will have as speakers William Angstadt, of Lebanon-Reading Bone and Fertilizer Co.; William Brubaker, of Lancaster Organic Plant Food Co.; George Castle, of Central Chemical Co.; and James Webb, Jr., of Webbs Super Gro Co.

The January 31 program will be devoted to the availability of pesticides, computerized disease forecasting, weed control practices, and new soil testing procedures.

Penn State College of Agriculture faculty members on this program will be Dr. Wayne Hinish and Dr. Nathan Hartwig, agronomists; Professor Stanley Gesell, entomologist; and Dr. Raymond Krause, plant pathologist. Other specialists presenting talks are Dr. Gordon Burt, agronomist, University of Maryland; and Stanley Pruss, of Ciba-Geigy Corporation.

The annual business meeting of the Pennsylvania Plant Food Educational Society will be held January 29 with Dr. James Starling, head of the Penn State Department of Agronomy, presiding.

Area DHIR Records Set

The following DHIR records for 305-day lactations have been officially recognized by the Holstein-Friesian Association of America. The five cows are in the herd of Harold G. and Donald L. Bollinger, Willow Maple Farm, Newmanstown R1.

Willow-Maple Performer Lily, 3 yrs., 11 mos., 24,010 milk, 908 fat, 3.8 pct.; Willow-Maple Model Anna, 5 yrs., 11 mos., 21,180 milk, 877 fat, 4.1 pct.; Jon-Betz Topper Alesia, 6 yrs., 5 mos., 20,370 milk, 770 fat. 3.8 pct.; Willow-Maple Performer Annie, 3 yrs., 11 mos., 20,590 milk, 710 fat, 3.4 pct. and Willow-Maple Bonus Cathy, 2 yrs., 17,820 milk, 601 fat, 3.4 pct.

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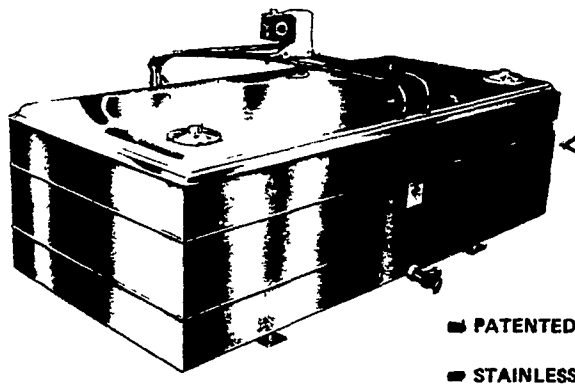

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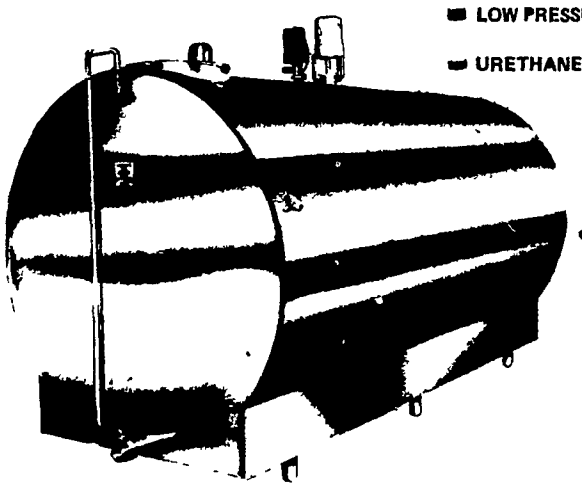

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DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.
R.D.3 Myerstown Phone (717) 933-4151
TAKE RT. 645 - 3 MILES NORTH OF MYERSTOWN
FOLLOW DIRECTIONAL SIGNS

Feeding Large Hay Packages

Research on the effectiveness of different methods of feeding large hay bales and stacks will be reported at Livestock Day, to be held at Penn State University, March 4.

Within the past few years there have been several commercial machines made available which produce large round bales, weighing from 1000 to 3000 pounds, and loaf-type hay stacks, weighing from 1 ton to 6 tons. According to Dr. L. L. Wilson, professor of Animal Science at Penn State, these types of machines offer the livestock man a way of reducing labor in making, storing, and feeding hay. However, Wilson states "the methods used to feed these large hay packages vary widely from producer to producer, and some of the less effective feeding methods can result in a large amount of hay wasteage". Cooperating on this research are W. L. Kjelgaard, Agricultural Engineer, and J. B. Washko, Agronomist, at Penn State.

One of the most effective ways of feeding the large bales or stacks is by using specially-built feeding gates to encircle the packages. These are available in different sizes to accommodate one of the bales or stacks at a time. The stacks are moved into the feeding area from nearby storage area.

In the Penn State studies, cows which were pregnant, but not nursing calves, required a total hay dry matter of 25.7 pounds per head per day. An estimated 7.8 percent of the bales and stacks was wasted. All the pounds of hay in this trial were measured in terms of hay dry matter, which usually is about 10 percent dry matter. Labor requirement was greatest where feeding gates were used to encircle single bales or stacks.

In another method, stacks and bales were placed 12 to 15 feet apart, and an electric wire was used to restrict access of 30 cows to four stacks or bales at one time. Enough hay was provided to last six to seven days. The cows had access to the hay for only 2 to 2.5 hours per day, with no feed available during the rest of the day. When the cows were not in the hay stacks they were run along a treeline for shelter, with mineral and water readily available. This method required 27.2 pounds of hay dry matter per cow per day, with an estimated waste of 9.2 percent. This method required less labor than the feeding gates.

Among other systems tested was to allow the cows continuous access to the same number of bales as used in the last method described above. The method resulted in a requirement of 31 pounds of dry matter per day, with a wasteage of 19 percent across the various types of bales and stacks. As pointed out by Wilson, all these methods require moving the hay from the field in which the bales or stacks are made to a storage area. Some of the methods, such as the use of feeding gates, also requires the bales to be moved again just prior to feeding time. The lowest-labor method was to leave the bales or stacks in the hay field, and then, with electric wire, strip-graze the bales or stacks where they were made. This method has the lowest requirement for labor, and is comparable in some situations to the last method described above. Cow performance and health were acceptable with all of the different systems of feeding.

Another excellent method of wintering non-lactating beef cows is to use a combination of stacked corn stalks and high-quality legume-grass hay. Since the corn stalks are low in protein, the hay helps to balance the cows' ration. But between 16 and 26 percent of corn stalk stacks were wasted in the Penn State studies.

The research has also indicated that stacks and bales should not be stored or fed where there is excess ground water or drainage. Hay wastage was also less if watering, mineral, and loafing areas are away from the feeding areas.

This and many other important beef cattle management systems will be available in more detail on March 4 at Penn State.

Stoddard Purchases Purina Franchise

David L. Stoddard of Avondale (Chester County) recently announced that he had purchased the Purina franchise at Union, formerly operated as Anderson Feed and Grain. The new name of the business is Stoddard Farm and Garden, Inc. Stoddard noted that he was impressed with Purina's extensive research and testing program. He will continue to sell Purina products to provide his customers with the best in quality and service. In addition to feed, Mr. Stoddard offers seed, fertilizer, and agricultural chemicals. In the spring, seeds, lawn fertilizer, plants and chemicals will be available for the home gardener.

In the community life of the area, Mr. Stoddard is active in Boy Scouts and is a member of the School Board at Kennett Square. He operates at home in New Jarden Twp. a small commercial apple orchard, market garden and Christmas tree plantation.

PENNSYLVANIA YORKSHIRE COOP ASSOCIATION, INC.

ANNUAL SPRING SHOW AND SALE

OF BRED GILTS, OPEN GILTS, AND BOARS.

To be held at the Lebanon Area Fairgrounds, 1½ miles South of Lebanon, at the intersection of Cornwall and Evergreen Roads.

SATURDAY, FEBRUARY 8th, 1975

Show - 10:00 A.M.

Sale - 1:00 P.M.

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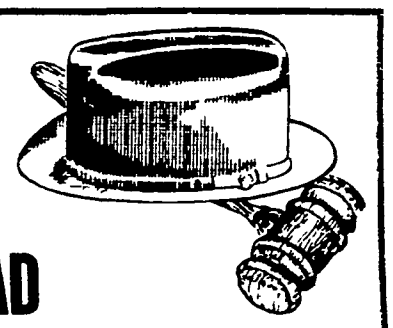

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5:30 P.M.

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DON'T MISS THIS SALE!

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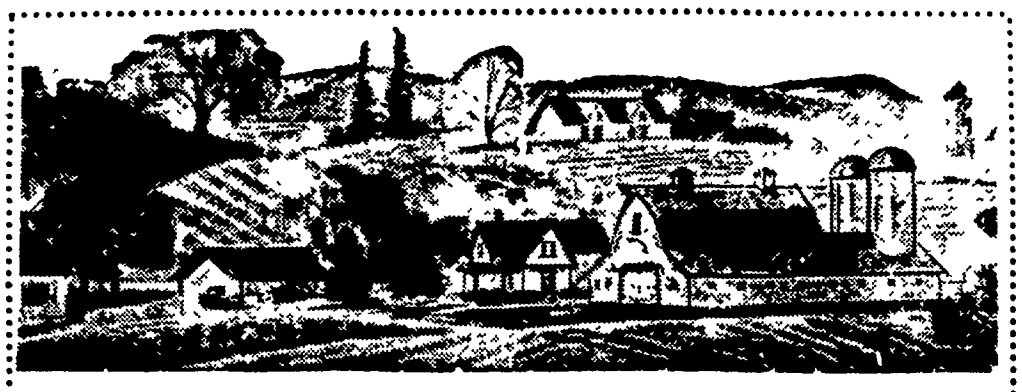

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Solanco Auxiliary Meets

The Solanco Auxiliary to the auxiliaries of the Lancaster General Hospital met on Thursday evening January 16th in the Quarryville Boro building. The president Mrs. Donna Ellenberg presided. The treasurer's report was given by Mrs. Hazel Aument and minutes were read by the secretary Mrs. Grace Shaub.

The ladies are receiving orders for Amish Dolls at $5.00 each. A workshop to make dolls will be held at the February 20th meeting. Thirty-four members were reported and new members are most welcome.

Plans are being made and committees appointed to again host a Flower Mart and County Fair on May 9 in Quarryville. Members are contributing recipes for a small recipe booklet. Refreshments were served.

TRY A CLASSIFIED

FARMERSVILLE AUCTION

TUES. EVE., JAN. 28, 1975

6:00 P.M.

In Farmersville, 3 miles East of Brownstown, Lancaster County, PA

Avocado G.E. No Frost refrigerator (less than 1 yr. old); Gas refrigerator; Frididaire upright freezer; G.E. auto. washer (3 yr. old); Admiral color T.V.; commercial freezer; commercial ice cube maker; 20" elec. range; Basset bookcase bedroom suite painted black; maple double bed; single maple poster bed complete; Lane cedar chest; double door wardrobe; 5 pc. breakfast set; maple desk & chest of drawers combination; real good bedding; recliner; maple end table set; Fisher Price toys including barn & school; Raleigh 3 speed bike; cream separator; meat grinder; scalding trough; sausage stuffer; iron water trough; pump trough; artificial fireplace; lots of small stuff, etc.

Terms by:

John J. Rutt

We Sell On Commission At 20%.

Call 354-5095

We sell anything from attic junque to estates!

Special Notice: We are now taking consignments for our March 18 antique sale.

Public Sales Register

SAT. JAN. 25 - 11:30 A.M. Annual Horse Sale at the Belleville Livestock Market, Belleville, Pa.

SAT. JAN. 25 - 12 Noon Public Sale of Real Estate (8 Acres), Farm and Dairy Equipment located 7 miles West of Coatesville, 3 miles North of Rt. 30, ½ mile South of the Compass along Rt. 10, West Caln Twp., Chester Co., Pa. Real Estate at 1:00 P.M. Sale by Moses E. Riehl; Abe Diffenbach, Auctioneer.

SAT. JAN. 25 - 11:30 a.m. Public Sale of Registered Holstein Heifers and Farm Equipment located along Denlinger Road, which is off Newport Road, ½ mile North of Gap (Rt. 30), Lancaster Co., Pa. Sale by Levi K. and Anna Mary Stoltzfus; Carl Diller and J. Everett Kreider, Auctioneers.

SAT. JAN. 25 - Public Sale of Real Estate and Household Goods located at 120 S. River St., Maytown, Pa. Sale, by Ruth S. Hoffman; Harold (Abe) Shaffner, Auctioneer.

SAT. JAN. 25 - 10:30 A.M. Auction Sale, Complete Line of International Farm Machinery and Angus Cattle located on Spring Lea Farms, on Newark Road, 3 miles North of Route 1 at Toughkenamon, Pa. Exit. Sale by Evelyn DuPont Donaldson; Harold S. Hill and Son, Auctioneer.

SAT. JAN. 25 - 1 p.m. Public Sale of 361 Acres of Valuable Real Estate, The Mary L. Shiffler Est., located in South Hanover Twp., Dauphin Co., Pa. West of the village of Hoernerstown on Union Deposit Road, North Hoernerstown Road, approx. 10 miles East of Harrisburg, 5 miles west of Hershey. Melvin S. Shiffler and Carroll R. Shiffler, Executors; Van G. Hocker, Auct.

SAT. JAN. 25 - 10 A.M. - Commission Auction, Public Auction Sale of Farm Machinery on the Harry Rutt Farm, 206 Columbus, New Jersey. Location of sale is directly across from the Columbus Farmers Market, sale arrows will be posted. Approx. 4 miles South of Exit 7 on the New Jersey Turnpike. Donald A. Worrell, Sr. Mt. Holly, New Jersey, Auctioneer; Arthur J. Worrell Sale Manager.

SAT. JAN. 25 - 12 Noon Stanley Cerynik Dairy Dispersal, Hop Bottom, Pa., Lenox Twp., Susq. Co. located halfway between Loomis Lake and Acre Lake on U.S. Rt. 11, 4 miles west of Lenox Exit Rt. 81, 3 miles East of Hop Bottom, 8 miles west of Clifford. Watch for Bunnell's Red Arrows. Sale by Stanley Cerynik, Owner, Hop Bottom Star Rt., Pa.; Merton L. Bunnell, Auct. and Sales Manager.

SAT. JAN. 25- 12:00 Noon 60 Head Holstein Open Heifers at Harry Rudnick & Sons, Inc., Livestock Sale, Galena, Md.

SAT. JAN. 25-10 a.m. Public Sale of Valuable Real Estate and Personal Property located approx. 3 miles west of Hanover situate in the village of Centennial (Mt. Rock), Mount Pleasant Township, Adams County, Pa. Terms-by Adams County National Bank, Administrator d.b.n.c:t.a. of Estate of Rosy Hagarman, Deceased. Clair R. Slaybaugh, Auctioneer.

SAT. JAN. 25 - 12:30 P.M. Snowmobile Sale by Daniel Z. Martin, Lawn Care of Penna., located at Martindale, Penna. Randal V. Kline and Lloyd H. Kreider, Auctioneers.

SAT. JAN. 25 - 10 A.M. Dispersal Sale of Holstein Heifers, Farm & Dairy Equipment, Etc. on the farm located six miles East of Chambersburg, Franklin Co., Pa., turn North off Rte. 30 at Schiers Furniture Store on Rte. 606, farm midway between Rte. 30 and Scotland, leave Rte. 81 at Scotland and Exit go West on Rte. 997, turn south at school. Sale by Ralph W. and Helen M. Brechbill, owners, RD1, Chambersburg, Pa. Ralph W. Horst, Auctioneer.

TUES. JAN. 28 - 6 p.m. Public Auction of Furniture, Glassware, Appliances, etc. at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt; Richard Murray, Auctioieer.

WED. JAN. 29 - 1:30 P.M. Public Sale of 22 Hi-Grade Holstein Dairy Cattle on the farm along the Bloomsburg - Benton 487 Highway in Stillwater, Pa., Col. Co. Sale by Jack Kingsbury; Max Fraley and Son, Auctioneer.

WED. JAN. 29- 9:30 a.m. Paul Z. Martin's First Consignment Farm Equipment Sale to be held at my New Place of business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa. Martin Auctioneers and Associates R. W. Horst, H. H. Lein and John Fry.

WED. JAN. 29 - 9:30 A.M. Short Notice Public Sale of Farm Equipment on the premises located midway between Hanover and Littlestown, Pa. off Rt. 194 turn Southeast at Pine Grove Road, about 1½ mile to Sale, signs posted. Terms by Raymond Crouse, RD1, Hanover, Pa. Clair R. Slaybaugh, Auctioneer.

THURS. JAN. 30 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler and Jay M. Witman, Auctioneers.

[Continued on Page 55]

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For Full
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PUBLIC AUCTION

VALUABLE REAL ESTATE

SATURDAY, FEB. 22, 1975

2:00 P.M.

LOCATION: 2 miles North of Schoeneck along Cocalico Rd., First farm on the left after Whispering Pines.

85 acre dairy farm. 2½ story frame home. Bank barn, free stall barn, attached free stall barn with bunk feeder. 24'x70' silo with unloader. All buildings in excellent condition. 1 acre pond, and never-failing well.

TRACT 2 — 10½ acres — 4½ tillable & 6 acres wooded. Ideal for country home.

TRACT 3 — 4 building lots. From 2.9 acres to 4.1 acres.

All above property is located in West Cocalico Twp., Lancaster County.

Property shown by appointment. This is only a partial description. For additional information on above 3 tracts, call (717) 626-4975, auctioneer.

Terms by:

WILMER J. & LEONA WEAVER

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Randal V. Kline. Auct.

SHORT NOTICE
PUBLIC SALE

WEDNESDAY, JANUARY 29th, 1975

AT 9:30 A.M.

FARM EQUIPMENT

Due to discontinuing farming will have public sale on the premises, located midway between Hanover and Littlestown, PA off Rt. #194 turn Southeast at Pine Grove Road, about 1½ mile to Sale, signs posted, the following:

4 TRACTORS 4

1974 Allis Chalmers 175 wide front diesel 250 hrs., fully equipt.; A-C 115 4 - 16" semi-mounted plows; two Super M Farmall; H Farmall; These tractors are in excellent condition w-rubber like new; J D late model 45 - 10' self propelled combine w-picker sheller and power steering; A-C 6' combine w-bin, p.t.o.; I. H. 46 baler w-ejector, pto; Int. 990 Haybine, used one season; Int. 4 row corn planter; J D transport disc; Int. 32-14" disc; J D 28-14" disc; Dunham 28-14" disc; 4 sec. shovel springtooth harrow; Oliver 9' single roll packer; 3 Int. 3 - 14" plows on rubber, 1 set hydraulic; Ontario 16-7 disc drill; J D 227 mounted picker; brackets for M Farmall or JD; New Idea 540 spreader, pto; two forage harvesters; N H 16 w-both heads, other one Int.; J D 16A flail chopper; J D rotary cutter; Case trail type mower, pto; Three 160 bu. grain bin wagons, two are J B, all 5 ton chassis, like new; 3 rubber (gravity box) tire wagons w-flats and sides; A-C 900 lb. fertilizer spreader, used 1 season; two Int. manure loaders, 1 w-dirt scoop; 1 w-snow blade; Smoker 24' elevator; Harvest Handler 16' grain elevator, both w-motors; Int. 10' Hammermill; two field sprayers, mounted and trail type; side rake; 4 heavy duth hydraulic cylinders; 30'6" endless belt; bolts and supplies; 3 wagon loads of small farm tools; A REAL NICE LOT OF EQUIPMENT!

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Terms by:

RAYMOND CROUSE

R.D.1, Hanover, PA

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA Phone 677-7479
C. L. Jacobs, Clerk

PUBLIC SALE
OF
FARM MACHINERY

SAT., FEB. 22, 1975

11:00 A.M.

Along Route 222, 3 miles south of Quarryville, 16 miles south of Lancaster.

Allis Chalmers 200 diesel tractor (fully equipped 600 hrs.); A.C. 180 diesel; A.C. D17 gas tractor. A.C. D15 with shuttle clutch #415 loader 5 ft. bucket snow blade fork hyd. control; A.C. 4 bottom 16 in trip plow; A.C. 3 bottom plow (slat); A.C. 2 bottom plow; A.C. 10 ft. disc harrow (transport); 12 ft. cultipacker; land roller; J.D. 9 ft. spring harrow; A.C. twin wheel side mounted mower; A.C. hay crimper; J.D. 851 hay rake: New Holland 273 hay baler with thrower; 3 wagons with thrower racks, 2 Grove, 1 Gehl; 30 ft. Farmec elevator; McCurdy corn drag.

A.C. 600 Series No-Till Cornplanter, Fert. and Insect. (Good)

A.C. rear mount 2 row 3 pt. cultivator (nearly new); New Idea mounted cornpicker; 3 grain bins, 2 on running gears; A.C. 782 with 2 row corn head and direct cut; A.C. 6 ft. rotary cutter; 2 manure spreaders, N.H. #512 with hyd. endgate & New Idea 201 spreader; 2 row Stauffer tobacco planter; 3 double tobacco ladders; 12,000 tobacco lath; tobacco press; shears; spears; A.C. #10 posthole digger; flat bed wagon; 13 disc J.D. grain drill; Myers 3 pt. sprayer; 100 gal. tank & double piston pump; Myers single piston pump.

App. 35 ton hay, 12 ton straw, 12 ton corn.

Onan 25 KW generator; Miller 225 amp welder; 300 gal. water tank; 3 pt. blade; 22 ft. Starline feed conveyor; McDade 36 in. hay fan with 5 hp. motor; small cattle trailer; Frey's metal hay rack; mineral feeder; 2 elec. fence controllers (International) 1 battery; elec. wall mounted fan; silage cart; 6 bales baler twine; platform scales; sleigh.

Many other articles not mentioned.
No sale here for 3 generations.

Terms by,
Jason L. Weaver
717-786-2131

Kreider & Diller, Aucts.
Lunch by Farm Women Society #17

PUBLIC SALE
OF
FARM MACHINERY
AND
HOUSEHOLD GOODS

SAT., MAR. 8, 1975

9:30 A.M.

Location: On Cooper Drive off Sproul Road between Route 472 and Andrews Bridge.
2 miles Southeast of Kirkwood, Colerain Twp.

3 Farmall Tractors

International 350 with hydramatic, torque and fast hitch; Farmall Super B with fast hitch & cultivators; Farmall Super A with plow & cultivators.

I.N. 2 16-in. bottom plows; 2 row I.N. cornplanter; I.N. #100 mower; I.N. #200 scraper blade; above equip. all fast hitch. 24 disc harrow; spring tooth harrow; New Holland #477 haybine (2 yr. old); N.H. #56 rake; N.H. #269 baler; N.H. #155 elevator with corn chute (30 ft.); Cardinal elevator; drag elevator; Cunningham crimper; cultipacker; New Idea 6 ft. rotary mower.

App. 36 ton ear corn, 20 ton clover hay, 18 ton alfalfa, straw and oats.

Oliver 13 disc grain drill with fert.; New Idea #206 manure spreader; 1 grain bin wagon; 3 flat bed wagons.

Elec. seed sower; corn sheller; old corn cracker; 24 ft. aluminum ex. ladder; 2 large cast iron watering troughs; 2 potato plows; wooden wheelbarrow; Forney elec. welder; elec. motors; elec. cords; cattle mineral box; feed cart & scoop.

S P. 11 vacuum pump; 2 Surge milker units; 2 SS buckets & 2 SS strainers; milk cans & milk stools; hog troughs; feeders; waterers; 3 elec. heat bulb brooders; chicken feeders; waterers; crates; platform scales; P&beam scales; coal bucket & shovel; grindstone; feed chest; old tools; saws; log chains; pulleys; shovel; fork; ropes; ice tongs; oil drums; many other articles too numerous to mention.

1 Reg. Guernsey Cow due July, 4 bred Reg. Guernsey heifers, 2 brood sows with pigs, 150 leghorn yearling hens.

Butchering Equipment

2 iron kettles with 3 feet; 1 iron kettle with jacket; old copper kettle; scalding trough; scrapers; hooks; stirers; lard press, #32 meat grinder with motor; forks & buckets.

Household Goods & Antiques

2 3-pc. bedroom suites; 1 double metal bed & single bed; folding cot; living room suite; 3 wardrobes (1 cedar); old mantle clock 1830; coal oil lamps; butter churn; milk bottles; small desk & table; gun rack; high chair; cabinets; crib; curtain stretcher; picture frames & mirrors; elec. buffer; elec. lamps; upright Hoover vacuum cleaner; new 2 gal. thermos jug; baskets; pillows; cushions; quilts; 2 sets of dishes; pots; pans; silverware; knic knacks; radio; meat saw; slaw cutters; crocks; jugs; shoe lathe; old almanacs; stools; picnic table & chairs; old benches; bottle capper & bottles.

Terms by,
John E. & Elizabeth G. Hastings

Order of sale: Small items 9:30; household 11:00; hay, straw, corn 1:00; farm mach. 1:15; livestock 2:45.
Kreider & Diller, Aucts.
Lunch by Farm Women Society 15.

Public Sales Register

(Continued from Page 55)

THURS. JAN. 30 - 9:30 a.m. Public Sale of Dairy Cattle, Farm Equipment, Horse Equipment, Grain and Dairy Equipment located on the farm in Cornwall Borough, Lebanon County. Farm is located directly north of the former Cornwall High School. Conditions by Guy and Edna Peiffer; Harry H. Bachman, Auctioneer.

FRI. JAN. 31 - 12 o'clock (Blizzard Date Monday, Feb. 3) Tormack Milking Herd Dispersal (All Saleable Animals Sell) located 10 miles Northeast of Towanda, Pa., 10 miles Northwest of Wyalusing, Pa., Bradford Co. (1 mile North of Route 6). Sale by Robert Thomson, Owner; Victor Kent and William Kent, Auctioneers. Rockwell's Livestock, Troy, Pa. Sale Mgrs.

FRI. JAN. 31 - 6 P.M. Public Sale at the Gap Auction located off Route 41, Lancaster Ave. opposite Turkey Hill Minit Market, cross RR Bridge. Antiques sold at every auction. Ira Stoltzfus and Son, Auctioneers.

FRI. JAN. 31 - 12 Noon Stocker and Feeder Auction sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

FRI. JAN. 31 and SAT. FEB. 1 - 11 a.m. Penn Okey Farm Dispersal - 2 Day Auction, East Rush, Pa. Susq. Co. located 3 miles East of Rush and Pa. Rt. 706, 6 miles West of Dimock and Pa. Rt. 29, 15 miles S.W. of Montrose. Friday will be selling 130 Reg. and Hi-Grade Holsteins and Jerseys and Saturday selling Farm Machinery. Sale by Mr. & Mrs. John Hitchcock, owners, Montrose, RD4, Pa., owners; Merton L. Bunnell, Auctioneer and Sales Manager.

FRI. JAN. 31 - 1 P.M. Public Sale of Valuable Real Estate, 59 acre farm located 3 miles Southwest of Gap, 3½ miles Northeast of Nickel Mines, 1 mile North of Smyrna along the South Davis Road, Sadisbury Twp., Lancaster County. Sale by John A. Beiler; Abe Diffenbach, Auctioneer.

SAT. FEB. 1 - 11 A.M. Public Sale of Household Goods and Antiques located along the Bell Road, 2 miles South of Nine Points, Lancaster Co., Pa. Sale by Mary Y. Esh; Abe Diffenbach, Auctioneer.

SAT. FEB. 1 - 11:30 a.m. Public Sale of Farm Equipment located on the farm North of Schaefferstown, Lebanon County, along Rt. 897. Sale by Landis and Mary Tice. Harry Bachman, Auctioneer.

MON. & TUES. FEB. 3 & 4 - 9 A.M. Gigantic Auction, $2,500,000 Farm and Industrial Equipment to be held at Wenger's Farm Machinery, Inc., South Race Street, Myerstown, Penna. Con Clement, Midwest Auction Company, Grand Meadow, Minn.

TUES. FEB. 4 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

TUES. FEB. 4 - 6 P.M. Public Auction of Furniture, Glassware, Appliances, etc., at Farmersville Auction, located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt; Richard Murray, Auctioneer.

WED. FEB. 5 - 9:30 a.m. Consignment Sale located ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co. Pa. Sale by David H. Good; F. Snyder, R. Martin, and C. H. Wolgemuth, Auctioneers.

WED. FEB. 5 - Public Sale of Farm Equipment and Dairy Cattle by Leroy W. Oberholtzer, RD3, Myerstown, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. FEB. 6- Public Sale of Farm Equipment by Luke Burkholder, Manheim area. Randal Kline Auctioneer.

SAT. FEB. 8 - 11 A.M. Public Sale of Farm Equipment, Dairy Equipment and Household Good located 1 mile South of Rt. 30 from Vintage along the Vintage Road, Paradise Twp., Lancaster County, Pa. Sale by Warren Denlinger; Abe Diffenbach

SAT. FEB. 8 - 2nd Annual Community Consignment Sale by Binkley and Hurst Bros., RD4, Lititz, just North of Rothsville, Pa. John E. and Paul E. Martin, Auctioneer.

SAT. FEB. 8 - 10 a.m. Public Sale of Real Estate and Household Goods located along Route 372, ½ mile West of Quarryville, Penna. Terms by William A. Swinehart Est., Paul L. Swinehart, Executor; Kreider and Diller, Auctioneer.

SAT. FEB. 8 - 11 A.M. Public Sale of Modern Dairy Farm, 118 acres more or less with spring and pond, 2½ story frame dwelling, shop, butcher shop with smoke room, 2 car garage, bank barn with concrete attach. with 100 free stalls and box stalls, 2 silos. Also Selling Livestock and Farm Equipment. Located midway between White Horse Rt. 340 and Gap U.S. Rt. 30 just off Rt. 897 on Limeville Rd. in Salisbury Twp., Lancaster Co., Pa. Terms by Amos D. Hoover; Robert E. Martin and Frank L. Steller, Auctioneers; Wenger and Byler, Attys.

SAT. FEB. 8- 1 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by Pa. Yorkshire Association.

SAT. FEB. 8 - 10 A.M. Public Sale of New and Used Bicycles, Accessories, Parts and New Hardware Items located one mile East of Fleetwood, along Dryville Road, Richmond Township, Berks County, Pa. Sale by Adam S. Weaver; Leon Kurtz and Leroy Zook, Auctioneers.

FRI. FEB. 10 - Stocker and Feeder Auction Sale at 12:00 Noon to be held at the Lancaster Stockyards, Inc., Lancaster, Penna.

TUES. FEB. 11- Public Sale of Dairy and Farm Machinery for Paul Heisey, Schaefferstown area, just off Rt. 501. Randal Kline, Auctioneer.

WED. FEB. 12 - 11 a.m. Public Sale of Registered and Hi Grade Holstein Dairy Cattle and Farm Equipment. Location - Take Rt. 272 south from Lancaster through Little Britain, 1½ miles East of Little Britain along Rt. 272, turn right at first crossroad, first farm on right. Sale by Wilmer W. Hoover; John E. and Paul E. Martin, Auctioneers.

[Continued on Page 56]

LARGE FARM FOR SALE

858 ACRES - 658 TILLABLE

Located in North Western Penna. Fertile level land 658 acres tillable. 200 acres good Oak pine and Locust woodland, 13 acre lake, 2 farm ponds and never failing stream, 3 houses, 2 barns $450.00 per acre. Possession can be had with 10 percent down payment. Can be financed over a 10-year period at 7 percent interest.

PAUL E. SANGER, LEBANON, PA

935 East Maple Street
717-272-1025 or 933-8187

PUBLIC SALE

of New & Used Bicycles, Accessories, Parts & New Hardware Items

One Mile East of Fleetwood, Along Dryville Road, Richmond Township, Berks County, PA. Watch for Sale Signs.

SAT., FEBRUARY 8, 1975

15 New Assorted 10 speed bicycles, 5 New Assorted 5 speed bicycles, 10 new Assorted 3 speed bicycles, one new adult 3 wheeled bicycle, CCM 3-speed fold-up bicycle, one Kabuki Diamond Tourer bicycle 26½ lbs. 23 in. frame, 2 Murray Fleetwood bicycles 28 lbs. 23 in. frame New, one New Kabuki Diamond Tour 23 in. white (frame only), 6½ lbs., 3 New tricycles, 2 New pedal tractors, one new trailer for tractor, New battery powered child's Dune Buggy, 25 New child's express wagons various sizes, 15 or more reconditioned, bicycles, 20 or more used bicycles not reconditioned, and more bikes by sale day.

ACCESSORIES & PARTS: Lights, speedometers, locks, baskets, horns, baby seats, safety flags, back packs, saddle bags, reflector tape, display stands, mudflaps, baskets, seats, handlebars, handlebar grips, & tape, peddles, tires, kickstands, wheels, streamers, brake drum hub sets, rims, etc.,

TOOLS: Shop stand for two bicycles, assorted special bicycle tools, wrenches, tire levers, air gauges, fire extinguishers, small drawer cabinets, trouble lights.

NEW HARDWARE ITEMS: 6 New 225 amp Lincoln welders, various length of steel farm gates, electric heated cattle waterers, electric heated hog & cattle waterers, hog oiler, two cement mixers, handiman jacks, 6 - 2 gal. knapsack sprayers, varied widths of pushbrooms, 8 No. 14 aluminum grain scoops, 2 tractor umbrellas, 6 pieces of inch rubber hose 50 ft. length, 4 - 30 gal. drums Motor Oil, 20 metal gas cans, 10 screwdriver sets, 6 farrowing crates with feed and water gates, 6 gal. poultry fountains, many poultry fountain bases, metal baby chick feeders, 5 - 8 ft. ornamental windmills, 4 Reddie Heater space heaters, kitchen light fixtures, closeout items of galvanized gutter, conductor, and other accessories.

USED ITEMS: Electric motor, old gruber wagon wheels, bench grinder, hot air circulator fan with motor, 16 ft. elevator, spring wagon, rubber tired top buggy, 2 bottom Oliver plow 3 pt. hitch, tobacco transplanter, 7,500 tobacco laths, 40 round locust posts, 30 sawed locust posts, and many more valuable items by day of sale.

Silage cutter blower, disc, Maytag wringer washer, fireplace wood, Philco dryer.

TERMS BY:

Adam S. Weaver

Sale at 10:00 A.M.

LEON KURTZ, Auctioneer - 593-5387
LEROY ZOOK, Auctioneer - 593-5793
Lunch Available

FARM DISPERSAL

FRI., FEB. 21, 1975

11:00 A.M.

Sale 15 miles south of Quarryville, 2 miles south of Little Britain Store, Lanc. Co., Pa. on the premises known as Tuckaway Farm.

Complete Herd Dispersal—65 Registered & Grade

HOLSTEIN DAIRY CATTLE

(59 Reg. 6 Grade)

42 cows — 8 bred heifers — 2 bulls — 13 open heifers

This herd of large, well bred cattle has good udders, good health and is ready to work for you. There are daughters of Lassie Leader, Citation R. Maple, Milk and Honey Ivanhoe, and other top sires. Several in top production or close springers. Others due to freshen from June—Sept. Herd T.B. and Blood Tested. Pregnancy checked.

COMPLETE LINE OF LATE MODEL FARM EQUIPMENT

International 856 tractor, Int. 574 tractor, Massey Ferguson 35 tractor and 3 pt. hitch mower, Int. chisel plow, Allis Chalmers 4 row corn planter, N.H. hay baler with kicker, 2 N.H. hay wagons, Grove silage wagon, N.H. haybine, N.H. flail chopper, N.H. silage blower, Heavy duty Hawk Bilt side unloading manure spreader, Int. disk on rubber, Int. hay rake, John Deere 4 bottom plow, Ontario grain drill, lime spreader, 30 foot elevator, Massey Ferguson 3 pt. cultivator, Grove grain bin, Irrigation pump and Aluminum pipe ideal for vegetable farm.

NEARLY ALL THIS EQUIPMENT PURCHASED NEW IN THE LAST 3 YEARS AND USED ONLY ON THIS FARM.

Small tools include silage cart, forks, shovels, new handyman jack, baler twine, skid fuel tank, and a few other items.

Approx. 20 ton of ear corn
10 ton Alfalfa and mixed hay

Order of Sale — Tools, Machinery, Dairy Herd.

Sale by order of
DR. EUGENE B. SPITZ
Media, Pa.

For further information contact:
LEROY C. SENSENIG,
Quarryville, Pa.,
Sale Mgr. & Auctioneer
717-786-3128
Paul E. Sanger, Associate Auctioneer

PUBLIC SALE

OF FARM EQUIPMENT, DAIRYING EQUIPMENT & HOUSEHOLD GOODS

SATURDAY, FEB. 8, 1975

Located 1 mile South of Route 30 from Vintage, along the Vintage road, Paradise Township, Lancaster County, PA.

FARM EQUIPMENT

International 444 Tractor, with power steering, lights, heat houser; 3-point hook-up.

Farmall M Tractor with manure loader and large like new snow scoop.

Allis Chalmers "C" Tractor with cultivators and manure loader with snow blade.

The following 3-point hook-up equipment: McD 2-Trip Bottom 18" Plow; McD corn planter with applicator; McD 209 7' Grass Mower; 6' Scraper Blade.

McD 46 PTO Baler with Bale Thrower; McD 816 Hay Conditioner; Cunningham Hay Crimper; John Deere Hay Fluffer; New Holland 56 Side Rake; 2 Flat Bed Wagons, 16' and 18', one a Grove with High Sides; Ruth 27' Elevator.

New Holland 130 bu. Manure Spreader on Rubber.

McD Disc Harrow; Wiard 10' Cultipacker; Ontario 13-Disc Grain Drill; Gravity Bin on Gears; 4-Section Spring Harrow; 60-Tooth Spike Harrow; 3-Section Steel Roller; Duster; Applicator for Corn Planter; Walking Plow; Dirt Scoop.

Acorn Barn Cleaner with 300' of Cable.

Platform Scales; Portable Hay Rack; Old Milk Cans; Electric Fence Posts; Wire; Hog Troughs; 2 Mineral Feeders; Wheelbarrow; Log Chains; Air Compressor; Stripping Room Stove; Baling Box; Tobacco Plant Boxes; Forks; Shovels; Paint Sprayer; 2 Basketball Goals; Hog Feeder.

1500 BUSHEL EAR CORN

DAIRYING EQUIPMENT

Surge SP11 Milker Pump; 3 Surge 50 lb. Milking Units; 80 and 50 gallon Water Heaters; Fly Sprayers; Feed Carts; Stainless Strainer and Bucket; Cow Clippers; and many other articles.

HOUSEHOLD GOODS

Formica-Top Kitchen Table with 4 Chairs; Flexsteel Davenport; Secretary Desk; Bedroom Suite; Double and Single Beds with Springs and Mattresses; Crib; Child's Bureau; 6 Metal Chairs; 2 Cabinets; Old Cabbage Cutter; Crocks and Jars; Some Dishes; etc.

Sale at 11:00 a.m.

Warren Denlinger
OWNER

Auctioneers: Abe Diffenbach, Jr.
Abe Diffenbach

Youth Group With Refreshments

Public Sales Register

(Continued from Page 55)

THURS. FEB. 13- Dairy Dispersal and Farm Equipment for Alvin Good, Mastersonville, Pa. Randal Kline and Lloyd H. Kreider, Auctioneers.

THURS. FEB. 13-Public Sale of Livestock and Farm Equipment located 3 miles East of New Holland on Holland Road. Terms by David H. Beiler; Robert E. Martin and Frank L. Steller, Auctioneers.

THURS. FEB. 13 - Public Sale of Farm Equipment located six miles south of Chambersburg, Pa., one mile East of Marion, East of Marion Exit off Rte. 81. Ralph W. Horst, Sale Manager; Wolgemuth, Rentzel, Martin, Anderson, Kehr, Upperman, Auctioneers.

THURS. FEB. 13 - 9:30 A.M. Antique Sale Krafts Auction Room, Many Rare and Unusual Items located 2 miles North of Gettysburg, Pa. along old Rt. 15, in Adams County, Pa. Sale by Krafts Auction Room, RD6, Gettysburg, Pa. Clair R. Slaybaugh, Auctioneer.

SAT. FEB. 15 - 2 P.M. Public Sale of Desirable Farm of 85 acres m-l located midway between Gap and Intercourse, on Hershey's Church Road, Salisbury

SAT. FEB. 15 - All Day Auction of Used Furniture and Antiques to be held at the Lititz Rec. Center, Lititz, Pa. Richard P. Murry, Auctioneer.

SAT. FEB. 15 - 1:30 P.M. Feeder Pig Sale by Walter M. Horst, located between Womelsdorf and Myerstown along Route 422, at Souchsburg take Scharff Road South 1 mile, third farm on left, ½ mile North of Sheridan Furnaces; Marion Twp., Berks County, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 15 - Public Sale of Holstein Heifers and Full Line of Farm Equipment located along Rt. 272, just North of Chester County Line. Sale by Robert Counts. Kreider and Diller, Auctioneers.

SAT. FEB. 15 - 10 a.m. Consignment Sale, Farm Machinery located at Don Scheese Farm, across from Friesburg Lutheran Church on Friesburg-Aldine Road. Located in South Jersey approx. 15 miles southeast of Delaware-Memorial Bridge; 3 miles west of Deerfield, N.J.; 6 miles south of Pittsgrove Circle (U.S. Rt. 40 and N.J. Rt. 77). Take road between diner and green Municipal Building. Wm. Bragdon, Auctioneer.

SAT. FEB. 15 - 11:30 Public Sale of Farm Machinery, Ear- Corn, Hay & Straw, Livestock and Household Goods located along Koser Road, just East of the Fruitville Pike, approx. 5 miles North of Rte. 283 By-Pass, 1½ miles West of Neffsville, Pa. Sale by Rufus W. and Mary M. Martin, Nevin Z. Martin, Auctioneer.

SAT. FEB. 15-Public Sale of Full Line of Farm Equipment, corn, hay and corn silage located 2 miles East of Strasburg off Rt. 741. Turn South on Esbenshade Road, 1st farm. Terms by Stanley Denlinger; Robert E. Martin and Frank L. Steller, Auctioneers.

SAT. FEB. 15 - 10 A.M. Public Sale of Household Items and Antiques, also Farm Machinery selling at 12 Noon, located in Perry County, 13 miles North of Carlisle Penna. on Route 74 then 1 mile East at Wentzel's Feed Mill on north side of bridge, first farm past Mt. Zion Church or turn South off Route 850 at Albrights Sale Barn. Sale by Fern E. Matthews and Margaret T. Matthews, RD1, Landisburg, Pa. Long Bros., Auctioneers.

WED. FEB. 16 - 9:30 A.M. Complete Dispersal Sale of Dairy Herd, Dairy Equipment, Farm Equipment, Truck, Some Household, etc. located in York County, Pa. 4 miles East of East Berlin or 8 miles West of York on Route 234, turn North at Shadydell Rd., ¼ mile. Terms by Paul H. Myers, Jr. and Virginia L. Myers, Owners, Thomasville, Pa. Clair R. Slaybaugh, Auctioneer.

TUES. FEB. 18 - 12:00 Public Sale of Farm Machinery and Some Household Goods located along Rt. 222 just South of Quarryville, 1st farm on the right across from the Presbyterian Rest Home. Sale by M. Vernon Weaver, Nevin Z. Martin, Auctioneer.

TUES. FEB. 18 - Public Sale of Modern Farm Equipment located along Cloverleaf Road, 3 miles Northeast of Elizabethtown, Pa. Get off Rt. 283 by the Rheems and Milton Grove Interchange turn north. Sale by Stella and David Miller; Harold (Abe) Shaffner, Auctioneer.

WED. FEB. 19 - Public Sale of Farm Equipment by Lebanon Valley Implement Co., 700 E. Linden St., Richland, Pa. John E. and Paul E. Martin, Auctioneers.

WED. FEB. 19 - 9:30 a.m. Consignment Sale located ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Sale by David H. Good; F. Snyder, R. Martin, and C. H. Wolgemuth, Auctioneers.

FRI. FEB. 21 - Public Sale of 65 head of Reg. and Grade Holstein Dairy Cattle, 2 like new Int. tractors and full line of farm equipment in excellent condition. Sale 15 miles south of Quarryville, 2 miles south of Little Britain store. Sale by Dr. Eugene B. Spitz on Tuckaway Farm. Leroy C. Sensenig, Auctioneer and sale manager.

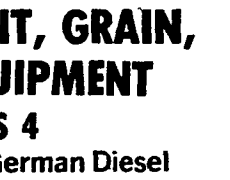
FRI. FEB. 21 - 11:30 A.M. Public Sale of Registered Holstein Dairy Cows located 17 miles East of Lancaster, ½ mile north of Rt. 340 from

(Continued on Page 57)

SLAUGHTER ANIMALS

SALE
BULLS - HEIFERS
STEERS - COWS
WEEKLY — Mon. & Wed.
12 Noon

FEEDER



PIG SALES
E.O.W. Tuesday 1 P.M.

LANCASTER LIVESTOCK INC.
Phone (717) 394-2611

PUBLIC SALE
OF VALUABLE REAL ESTATE
FRIDAY, JAN. 31, 1975
Located three miles Southwest of Gap, 3½ miles Northeast of the Nickle Mines, 1 mile North of Smyrna, along the South Davis Road, Sadsbury Township, Lancaster County, Penna

59 ACRE FARM, More Or Less

40 Acres Tillable; Balance Pasture and Fenced Woodland.

STONE HOUSE
with six rooms and bath

Bank Barn. 16 Stalls for Cows with Room for 14 Additional Stalls Box Stalls.

Good Wells. Streams and Springs in All Pastures. Sale at 1:00 p.m.

John A. Beiler
OWNER

Elvin Byler, Attorney
Abe Diffenbach, Auctioneer

PAUL Z. MARTIN'S
FIRST CONSIGNMENT
FARM EQUIPMENT
SALE
FOR 1975
WEDNESDAY, JAN. 29, 1975
AT 9:30 A.M.

To be held at my New Place of Business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland.

TRACTORS
Large Equipment of All Kinds
Horse-drawn Equip., Dairy Equip.,
Tools, Posts, Lumber, Hay and Straw

LOT of NEW HARDWARE and TOOLS
LOT TOBACCO SCAFFOLDING and FENCE RAILS

4 or 5 loads of new building materials — White Pine Interior Doors, Sinks, Bath Vanities, Hardware, new Aluminum siding. Lots more unlisted items.

100 Tarter Camp Sig farm gates 10, 12, 14, and 16 foot lengths.

Lots of old carriages and wagons.

100 pair winter boots.

NOTICE — Farmers and Dealers invited to bring your goods in to this sale. Please bring your goods in before sale days. Equipment brought in day of sale will be sold last.

SPECIAL NOTICE — This will be our Opening Sale for 1975. Everything will be sold unless claimed by former buyers and consigners.

SALE ORDER: Small Goods, 9:30 a.m.; Hay and Straw, 12 noon; Tractors, 1 p.m., followed by Larger Equipment. Notice: NO POULTRY EQUIPMENT. Open 8 a.m. to 5 p.m. January 27 and 28.

Paul Z. Martin
Blue Ball, Pa.
Phone: 717-354-6671
Business. 717-768-8108

MARTIN AUCTIONEERS and Associates
R. W. Horst, H H. Leid and John Fry

HAY AND STRAW SALE EVERY WEDNESDAY AT 12 NOON

TORMACK
MILKING HERD DISPERSAL
(ALL SALEABLE ANIMALS SELL)
LOCATION: 10 miles Northeast of Towanda, PA, 10 miles Northwest of Wyalusing, PA, Bradford Co. (1 mile North of Route 6).

FRIDAY, JAN. 31, 1975
AT 12 O'CLOCK
BLIZZARD DATE — MONDAY, FEB. 3
SIRE POWER BLOODLINES
68 HEAD HOLSTEIN DAIRY CATTLE 68
62 Registered 6 Grades

18 daughters of Whirlhill Kingpin — VG.
(16 Registered Kingpins — 2 Grade Kingpins).
6 daughters of Simpson Farm Tidy Gent — VG.
4 daughters of Heatherstone Lucky Typeblazer — EX.
4 daughters of Walhowdon President Vernon — EX.
5 daughters of Westfall Glamour Boy Ironman — GP.
Other EX and VG Sire Power sires represented. 25 of above outstanding animals mentioned are bred back for fall freshening, balance recently fresh and close springers.

(ALL HOME RAISED BUT 2)

Bred animals in calf to Rocby Ivanhoe Dina Charm — EX, Vigo Charmcross — EX, Round Oak Rag Apple Elevation — EX, Md-Gaywinds Merry King — VG.

20 YRS. OFFICIAL D.H.I.A. TESTING
Last 5-year average: 71.4 Cows 13,082M 523.2 F.
SALE MGRS. NOTE: Selling are some of the highest producing and testing animals ever sold at any auction in the Northern part of PA.
CERTIFIED & ACCREDITED CHARTS SALE DAY
(Immediate Interstate Testing done on request)
CALFHOOD VACCINATED PREGNANCY CHECKED
Catalogues at Ringside or Mailed on Request.
TERMS: CASH OR GOOD CHECK SALE DAY.

ROBERT THOMSON, Owner
VICTOR KENT & WILLIAM KENT, Auctioneers
JEFF WARNER, Clerk
IKE COLE, Leadsman
Rockwell's Livestock, Troy, PA, Sale Mgrs.
D. O. Rockwell, Prop. Phone 717-297-3460
LUNCH AVAILABLE

PUBLIC SALE
JANUARY 30, 1975
9:30 A.M.
Located on the farm in Cornwall Borough, Lebanon County. Farm is located directly North of the former Cornwall High School.

DAIRY CATTLE, FARM EQUIPMENT
HORSE EQUIPMENT, GRAIN,
AND DAIRY EQUIPMENT

4 TRACTORS 4
INTERNATIONAL 706 German Diesel
Farmall Super MTA
Super M INTERNATIONAL 340

MASSEY - FERGUSEN MODEL 82 10' SELF-PROPELLED COMBINE International EQUIPMENT: 650 harvestor with 2 row corn head; hay crusher; model 175 PTO manure spreader; model 40 trough blower; model 370 wheel carrier disc harrow; model 311 3 bottom fast hitch plow; 2 row mounted corn picker; cultivator for 340 tractor; and suitcase weights.

INTERNATIONAL 1970 series 1200 V8 4 speed pickup truck with 8' bed; Kasten self-unloading wagon; 12' Brillion cultipacker; New Idea elevator-PTO or motor driven; 40' blower pipe; 2 Cobey wagons with corn sides; 2 - 2 wheel trailers; 16 disc rubber tired Ontario drill; 3 flat bed wagons; 2 section harrow; Souders snow blade; Int. fast hitch mower; land roller; 4 section harrow; Little Giant bin wagon; Woods C 80 rotary mower; field sprayer.

Buck board; 2 horse reeper wagon; iron wheel wagon; 2 - 2 seat drug sleighs; walking plows; manure sleds; lots of leather; 1 horse dump cart with harness; mower; cultivator; scorer; potato plow; and other horse equipment.

Portable steam jenny; heat houser; tractor saw; platform scale; iron kettles; air compressor; Cushman model C 4 HP engine; 300 gal. skid fuel tank; hyd. cylinders; Homelite chain saw; Century heater; pick up truck racks; 2 rotitillers; beam scale; Brinley leaf rake; 2 - 2 hole corn shellers; mineral feeder; lawn roller; forks; shovels; rakes; chains; hog trough; rubber tired wheelbarrow; orchard ladders; potato crates; hand tools; scalding trough; 7" circ. saw; elec. motors; and many other misc. items.

40 ton ear corn; 20 ton timothy hay; 20 ton straw; weights appx.

50 DAIRY CATTLE 50

36 head of mature Holsteins in various stages of production. Some fresh by sale day with others freshening in Feb. and March. Large well grown cattle with lots of potential. 14 head of heifers.
Health charts day of sale Blood Tested

7 can milk cooler; 28 milk cans; A. O. Smith elec. hot water heater; Rath hand tub; double S.S. wash tub; S.S. strainer; S.S. Buckets; 3 Surge pail units; Alamo 30 vacuum pump; vacuum lines; can rack; and dairy vac.

Majestic range; 3 burner kerosene stove; jewel stove; estate heatrola; Sale order: small items, farm and horse equipment, grain, dairy equipment and dairy cattle.

Conditions by:
GUY and EDNA PEIFFER
Harry H. Bachman - Auctioneer
Lunch by Cornwall United Methodist Church

Public Sales Register

[Continued from Page 56]

White Horse along Meeting House Road. Sale by John M. Smucker, owner; Abe Diffenbach, Auctioneer.

FRI. FEB. 21 - 8 p.m. Nite Cow Sale at the Black and White Holstein Farm Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer. Henry Kettering, Pedigrees; Park Myers, Sales Manager.

FRI. FEB. 21 - 11:30 A.M. Public Sale of Farm Machinery, Holstein Dairy Cows, and Heifers located ½ mile East of Georgetown, 2 miles South of Nickel Mines store along the old dam road, Lancaster County, Pa. Terms by Levi K. Smoker; Leroy Zook and Leon Kurtz, Auctioneers.

SAT. FEB. 22-Public Sale of Farm Equipment, Trucks, Shop Equip. and Building Supplies located at RD3, Manheim, Pa. along Mountain Road, just East of Rt. 72. Sale by Richard R. and Betty Gerlach. C. H. and Bob Wolgemuth, Auctioneers.

SAT. FEB. 22 - Public Sale of Farm Equipment by Phares Musser, RD1, Lebanon, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 22-2 p.m. Public Sale of 85 Acre Dairy Farm located at RD2 Denver, Pa. along Cocalico Road. Terms by Wilmer J. Weaver; Randal V. Kline, Auctioneer.

SAT. FEB. 22 - The Strasburg Fire Co. will hold its First Annual Donation and Consignment Public Sale. Watch for latter Advertisements.

SAT. FEB. 22-Public Sale of Valuable Real Estate, valuable antiques and Household Goods located along Rt. 23 in Bareville next to Bareville Fire Hall. Terms by Rebekah S. Sheaffer; Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. FEB. 22 - Public Sale - Full Line of Farm Equipment located along Rt. 222, 4 miles South of Quarryville. Sale by Jason Weaver. Kreider and Diller, Auctioneers.

SAT. FEB. 22 - 11 a.m. Top Farm Machinery Auction for Elmer Lippincott, Garrison Rd., 1½ mi. N.W. of Harmony, N. J. (Rt. 519), 8½ miles N.E. of Easton, Pa. Sale by Elmer Lippincott, Owner, Harmony, N. J. Sale conducted by Col. Fred R. Daniel, Auctioneers, Inc., Neshanic Sta., N. J.

MON. FEB. 24 - Public Sale of Farm Equipment, Feeder Cattle and ear corn by Freeland D. Sensenig, RD1, Leola, Pa. John E. and Paul E. Martin, Auctioneers.

MON. FEB. 24 - 10:30 a.m. Public Sale of Farm Equipment on the John F. Cope Farm located at RD1, Manheim, Pa., 1 mile southwest of Rutt's Country Auction off Rt. 72 between Manheim and East Petersburg, Pa. Sale by Commonwealth National Bank Irene G. and Tom Cope, Executors for the John F. Cope Estate. Lee Mummau and C. H. Wolgemuth, Auctioneers.

TUES. FEB. 25 - Public Sale of Farm Machinery located 1½ miles West of Christiana, 4 miles South of Gap, along Route 372 in Sadsbury Township, Lancaster County, Pa. Terms by John I Yoder, Christiana, Pa. Leroy Zook and Leon Kurtz, Auctioneers.

TUES. FEB. 25 - Public Sale of 70 Head of Registered and Grade Holstein Dairy Cattle also Farm Equipment located 2 miles Southwest of Mt. Joy, Pa., Route 141 to Donegal High School turn south, 1 mile along Union School Road. Sale by Paul Hess and Aaron G. Fisher. Harold (Abe) Shaffner, Auctioneer.

THURS. FEB. 27-Dairy Dispersal and Farm Equipment for John S. Martin, RD1 Denver Pa., along South Muddy Creek Road. Randal Kline, Auctioneer.

THURS. FEB. 27 - 12 Noon Penn-Octo Farms Public Sale of 85 Head. All cows in herd due Dec. 1 to April 1 and all bred heifers. Sale to be held at the Charles C. Myers Black and White Sale Barn located just West of Lancaster on Dairy Lane. Take 283 West of Lancaster, exit just beyond the ABC Stud Barns at Flory's Mill Rd. Turn left after exiting go right around mill to sale barn. R. Austin Backus, Inc., Auctioneers, Mexico, N.Y.

FRI. FEB. 28-11 a.m. Public Sale of 80 Head of Reg. Holstein Dairy Cattle, 2 tractors, other equipment, hay and corn located 5 miles East of Lancaster, ½ mile South of Rt. 23 from Meadow Brook Farmers Market at 2453 Creek Hill Road. Sale by Mark T. Stoltzfus, owner; Norman Kolb, Pedigrees and Abe Diffenbach, Auctioneer.

FRI. FEB. 28 - Public Sale of Farm and Dairy Equipment located just ½ mile North East of Strasburg. Sale by Stanley Groff. Kreider and Diller, Auctioneers.

SAT. MAR. 1 - Public Sale of Farm Equipment located 1½ miles North of Hessdale, North of Rte. 222. Sale by Paul Meck; Diller and Kreider, Auctioneers.

[Continued on Page 58]

PENN OKEY
FARM DISPERSAL
2 DAY AUCTION

East Rush, PA — **Susquehanna County**

Having sold our farm, we will sell the following personal property. Located 3 miles East of Rush and Pa. Rt. 706, 6 miles West of Dimock and PA Rt. 29, 15 miles South West of Montrose. Watch for Bunnell Red Auction Arrows.

FRIDAY, JAN. 31, 1975

[BLIZZARD DATE — MONDAY, FEB. 3]

11:00 A.M.

130 Registered & Hi-Grade Holsteins & Jerseys
80 Hi-Grade Holsteins — 37 Reg. Holsteins
13 Jerseys and Guernseys

All cattle are state laboratory tested. Eligible to go anywhere. Calfhood vaccinated. Pregnancy examined by vet. Scours and shipping fever shots.

This good Susq. Co. herd consists of 78 milch of which 25 are Reg., 31 fresh, 11 close springers, 15 due late winter, several bred for Fall, 4 fresh Jerseys, 4 bred for Fall. 20-1½ to 2 yr. old Holstein Heifers with 7 Reg. and pasture bred June 1 to Dec. 1, 15-5 to 12 mo. Holstein calves with 5 Reg., 5-2 mo. Grade Holstein calves.

Herd DHIA tested since last May, 1974 - R.H.A. 200 dys, 13,148M, 3.7 percent. Several including records from 12.392M to 16,025M with many cows just fresh producing 80 to 93 lbs. milk.

Service Sires: 4 Davislawn Degan Dean Prince, 3 Wipledale Marge Prince Rex, 3 Carnation Million Heir, 2 Forest Lee Centurion Rocket, 2 Penn Okey Kahn Ben-Hur. Herd using Eastern, NEBA and Curtiss Candy A1 sires.

This herd shows good udders with quick milkout and production you will see. Make plans to attend this top Susq. Co. Dispersal.

Remember the dairy sale is Friday, Jan. 31 at 11:00 A.M.

SATURDAY, FEB. 1, 1975

11:00 A.M.

[BLIZZARD DATE — TUESDAY, FEB. 4]

3 FARM DIESEL TRACTORS 3

David Brown Model 1210 w-cab, only 958 hrs. and all modern extras, new 1973-9-1; (2) David Brown Model 1200 w-all extras, good rubber, PS, Live PTO, 3 pt. hitch, dual cyl., hook up. All 3 have 540 and 1000 RPM; John Deere Model 50 Tractor, P.S., Live PTO, good rubber; Hyd. front end bucket for D.B. 1200, D.B. 3B, 16" 3 pt. h. plow w-automatic trip beam; Oliver 3B 16" semi-mount auto-reset plows, A-1, J.D. 17 disc grain drill used only 2 yrs. A1; Oliver Model 520 baler w-live PTO No. 19 kicker A1; Gehl No. 300 Field chopper w-one row corn head and pickup grass head.

Gehl 9 ft. cut Haybine A1 used only 3 years; Fahr centipede Tedder used only 2 seasons A1; N.H. PTO No. 346 right side tank spreader like new; Farmhand side rake; Yellow Devil field sprayer w-plastic tank A1; J.D. 12 ft. KBA Disc Harrow used only 2 yrs.; J.D. Spring tooth harrow; J. D. Tr-Cultivator for A; J.D. No. 5 7 ft. mower; J.D. 4 row plateless corn planter new 1974; Gehl Hi-throw w-50 ft. 9 in. pipe like new.

2 Chopper Self Unloading Wagons A1

Kast Box w-N.I. carriage and Fox box w-H.D. carriage and tires; 2 good baler wagons w-woodside No. 70 under carriage A1; 225 amp Lincoln welder.

Stewart cow clippers, forks, shovels, ropes and loads of small tools to be sold at 11:00 A.M. Sat. Feb. 1.

Universal long tube milker, 16 and 20 qt. SS milker pails.

P.S. Farmers and Dealers — This is your opportunity to purchase production cows and tops in farm machinery.

Save this date for Penn Okey Farm Dispersal:
Cattle Friday Jan. 31; Farm Machinery - Sat. Feb. 1.

Catalogs — **Heated Tent** — **Lunch**

Terms — Approved Check or Cash.

Owners

MR. & MRS. JOHN HITCHCOCK

Montrose RD4, PA 18801

MERTON L. BUNNELL, Auctioneer & Sale Mgr.
Springville, PA Phone 965-2375
Albert Smith, Pedigrees

PUBLIC AUCTION
of Valuable Farm Machinery
HOGS, EAR CORN, HAY

THURS., FEBRUARY 6, 1975

11:30 A.M.

LOCATION: Go North on Rt. 72 from Manheim and turn left onto Elizabethtown Rd. Turn at the first road right and then on the first road left. Sale to be located at the second farm on the left. Watch for sale arrows.

FARM MACHINERY

MINNEAPOLIS MOLINE SUPER 302 TRACTOR, 55 hp. only 2250 hrs. with power steering & 3 pt. hitch; M.M. 335 tractor with N.I. 506 loader; Massey Harris 33 tractor; N.H. self-propelled 818 Harvestor with 2-row head; 3 Grove silage wagons with 8-ton running gear; Gehl Hi-throw blower with goose neck & 50 ft. pipe; Bear-Cat grinder mixer no. 2A; Ford 9' transport disc; J.D. Harrow; cultipacker; N.H. 68 baler; Sam Mulkey 32' elevator; J.D. 3-bot. 16" roll-over plow; J.D. 2-row cornplanter; Stauffer 2-row transplanter; Ezee flow 10' fert. drill; McCormick 150 manure spreader; M.M. 7' mower; 3-pt. 2-row cultivator; Brady Flail chopper; 2-16' flat wagons; N.I. No. 7 cornpicker; N.I. 4-bar side rake; J.D. 3-pt. field sprayer; David Bradley tobacco hoer; M.M. 3-pt. 2 bottom 14" plow, 2 hole corn sheller; barrels, bale box, shears, spears, rope, pulleys; 11-28 tractor chains; wheel barrow; Black & Decker 16" hedge trimmer.

66 HEAD FEEDER PIGS — 60 lbs. - 120 lbs.
4 Yorkshire Sows due first week of March
2 FAMILY COWS — 1 Holstein — 1 Guernsey
50 ton ear corn
10 ton mixed hay
15' silage in 12' silo

HOUSEHOLD GOODS

HARDWICK 30" gas stove; Coldspot refrigerator; rockers, chairs, crib, playpen; double bed; sofa bed; twin tubs; rug & pad and other small items.

Terms by:

Luke H. Burkholder

(717) 665-4038

Randal V. Kline, Auctioneer
(717) 626-4975

Lunch by Manheim Christian Day School
NOT RESPONSIBLE FOR ACCIDENTS

GAP AUCTION
FRIDAY EVENING, JAN. 31, 1975

6:00 P.M.

Located Off Route 41 - Lancaster Ave. Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES SOLD AT EVERY AUCTION

Inspection Friday from 9 00 a m until sale time
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. TO 7:00 P.M.
OTHER DAYS BY APPOINTMENT
Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

WANTED WANTED

USED FURNITURE ANTIQUES

We will pay cash or sell on commission. An all day auction is planned for February 15 at the Lititz Rec Center.

Richard P. Murry, Auctioneer
717-626-8175

PUBLIC SALE

SATURDAY, FEBRUARY 1, 1975

11:30 A.M.

Sale to be held on the farm ¼ mile North of Schaefferstown, Lebanon County, Penna. along Route 897.

FARM EQUIPMENT DAIRY HEIFERS

LEYLAND 384 Diesel tractor with turbo, less than 1100 hours.

LEYLAND 384 Diesel tractor with less than 700 hours.

JOHN DEERE 3300 GAS COMBINE - less than 200 hours.

244 Corn Head — **10' Grain Platform**

John Deere 1240 plateless planter; Int. 710 4 bottom auto-reset plow; 2 Dion front unloading wagons; Int. 56 hopper blower; 40' blower pipe; Case 212 harvester with 1 row corn head; New Idea 323 1 row corn picker; 12' Brillion cultimulcher; New Idea 290 mower conditioner; Badger BN 200 manure spreader with hyd. endgate; John Deere 14T baler with thrower; Souders loader; New Holland 36 field chopper; John Deere 2 section harrow; Grove 14' wagon with hay sides; Cobey 14' wagon with hay sides; Massey Harris 21 3-pt. hitch rake; side rake; 3 sect. Oliver harrow; Taylor-Way wheel carrier disc harrow; Little Giant 32' elevator; McCormick 13 hoe grain drill; Grimm Fluffer; 3-pt. cultivators; V blade; and 3-pt. hitch carrier platform.

JOHN DEERE M TRACTOR with cultivators;
John Deere 51 mower

12 hole hog feeder; shovels; forks; chains; misc. tools; 2 fence chargers; 3 bale twine; appx. 500 7' locust posts; appx. 300 2x2x5' locust posts; double SS tub; rotary vacuum pump; 6 40 lb. Surge pails; 50 lb. Surge pail and other misc. items.

4 bred heifers — **2 fresh heifers** — **service age bull**

Conditions by:

Landis and Mary Tice

HARRY H. BACHMAN, Auctioneer
Lunch Available

Public Sales Register

(Continued from Page 57)

SAT. MARCH 1 - 10:30 A.M. Public Auction of Farm Equipment. Household Items and Collectibles Located at Mahantongo Valley, Schuylkill County, Pa., Village of Hepler, 5 miles East of Klingerstown, along the Klingerstown to Pitman Road, first farm East of the Mahantongo Elem. School. Sale by Ralph Fetterolf, owner; George N. Deibert, Auctioneer.

SAT. MARCH 1- Public Sale of Farm Equipment and Household Goods by Allen Nolt, Lititz RD3, right off new Rt. 222. Randal Kline, Auctioneer.

SAT. MAR. 1 - Public Sale of Farm Machinery, Horse Equipment located 4 miles South of Red Lion along Route 74 South York County. Sale by Mrs. Lloyd Burke, RD2, Felton, Pa. Reynold L. Burke, Auctioneer.

SAT. MAR. 1 - 9 A.M. Public Sale of Private Collection of Many Rare History Books, Guns, Farm Equipment, Tools, etc. located at the York Airport, along U.S. Rt. 30 8 miles West of York, Pa. Sale by Oscar Hostetter, owner, Thomasville, Pa. Clair R. Slaybaugh, Auctioneer.

SAT. MARCH 1-9 a.m. Sharp 11th Annual All Day Public Sale by the Bart Twp. Fire Co. located 6 miles southeast of Strasburg along Route 896 in the village of Georgetown, Lancaster County, Penna. Will sell Farm Equipment, Building Materials, Household Goods and Antiques, new and used furniture and appliances.

MON. MARCH 3- 10 a.m. Public Sale of modern farm equipment, located 1 mile north of Silver Spring, Pa. on Nolt's Ponds Farm. Sale by Norman W. Gerhart. Raymond Miller and Rufus Geib, Auctioneers.

TUES. MAR. 4 - Complete Registered Holstein Dispersal (55 Head, Cert., Accredited, Vacc., Classified, DHIA Avg. 15,094M, 642F, 4.3 Test, All Atlantic Breeding) located at Springville, Pa., 6 miles South East of New Holland, 1 mile North off Rte. 340. Sale by Amos H. and Eleanor M: Hershey; Diller and Kreider, Auctioneers.

THURS. MARCH 6- Public Sale of Farm Equipment by Harry Weaver, Blue Ball area. Randal Kline, Auctioneer.

THURS. MARCH 6-11 a.m. Complete Herd Dispersal of 150 Head Registered Holsteins for Kyle and Wallace to be held at the Black & White Holstein Sale Barn, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, sales Manager.

THURS. MARCH 6 - Public Sale of Farm Equipment located 3 miles Northeast of Elizabethtown, Pa. along Mt. Gretna Road, Rt. 241 at Bellaire, Pa. Sale by Mary and Robert Brubaker. Harold "Abe" Shaffner, Auctioneer.

FRI. MARCH 7 - 10 A.M. Public Sale of Livestock, Farm Equipment and Dairying Equipment located 5 miles North of White Horse, 8 miles East of Blue Ball, 2 miles South of Rt. 322 from Mountain Top just west of Churchtown Road, Salisbury Twp. Christ L. Stoltzfus, owner, Abe Diffenbach, Auctioneer.

SAT. MAR. 8-Public Sale of Household Goods and Antiques located ¼ mile off Rt. 23 between New Holland and Leola on Peter's Road. Terms by Paul S. Horst, Robert E. Martin and Frank L. Steller, Auctioneers.

SAT. MAR. 8 - 11 a.m. Public Sale of Valuable Farm Machinery at the Lo-Glen-Drey Farm, RD1, Windsor, Pa. in Windsor Twp. opposite Windsor Cemetary. Sale by Barbara L. Anderson; Jacob A. Gilbert, Auctioneer.

SAT. MARCH 8 - 8:30 A.M. 7th Annual Gordonville Fire Co. Sale at the Fire House, Gordonville, Pa. All items sold on commission basis. For consignments and other information call 717-768-8971 or 717-687-7583

SAT. MAR. 8 - 11:30 A.M. Public Sale of Mules and Full Line of Farm Machinery located 17 miles East of Lancaster, ½ mile north of Rt. 340 from White Horse along Meeting House Road. Sale by John M. Smucker, owner; Abe Diffenbach, Auctioneer.

SAT. MARCH 8 - Real Estate Auction 599 Acres Spread Eagle Farms, Inc. Bankrupt located at Airport Rt. 25, West of Gratz, Pa. 35 miles N.E. of Harrisburg, 18 miles S.E. of Sunbury, 16 Miles West of I-81, Exit 34. Sale by Darwin S. Harter, Trustee for Spread Eagle Farms, Inc. Geo. N. Deibert, Auctioneer.

SAT. MAR. 8 - 10 A.M. Public Sale of Farm Machinery, Potato Equipment, Trucks, and corn of the late Luther (Polly) Runkle and Antiques and Household Goods of Mrs. Allen Flinchbaugh located approx. 1 mile east of Felton, Pa. near the old Trinity School, along the road from Felton to Rt. 74 near the Brogue. Watch for Signs. Sale by Mrs. Allen Flinchbaugh, owner, Felton, Pa. Robert L. Sechrist, Auctioneer.

SAT. MARCH 8 - Public Sale of Farm Equipment, Lots of Household Items, Hay, Straw, Corn and some Livestock located 2 miles

[Continued on Page 59]

CONSIGNMENT SALE
WEDNESDAY, FEBRUARY 5
9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., PA.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools, Lumber, etc., etc. We have buyers for hay and straw. Building Materials - Windows, Doors. Truck Load of Fruit. We Sell On Commission.

POSITIVELY NO HOUSEHOLD GOODS

DAVID H. GOOD
717-656-9024
F. Snyder, R. Martin, C. H. Wolgemuth, Auct.
Next Sale Wednesday, February 19
NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC AUCTION
Registered & High Grade Holstein Dairy Cattle — Farm Equipment
WEDNESDAY, FEBRUARY 5, 1975
AT 11:00 A.M.

Location: Take 501 North from 422 at Myerstown, turn left 1 Block North of 422 toward Frystown, approximately 1½ Miles to Farm on Right/Look for sale arrows. Jackson Township, Lebanon County, PA.

46 HEAD OF REGISTERED & HIGH GRADE
HOLSTEIN DAIRY CATTLE
5 Grade Ayrshires

33 MATURE COWS, 7 HEIFERS, due on or before sale date, Several Registered; 10 HEIFERS, bred since 11-20-74; 1 OPEN YEARLING HEIFER. Pregnancy checked. Health Charts. Milk Weights day of sale. Sires include Whirlhill Kingpin, Pawnee Farm Arlinda Chief, Valentine El Minuteman, Ravenglen Reflection Adonis.

990 DAVID BROWN DIESEL

Fox 2000 Harvester 1000 RPM 2-Row Corn Head, 6-Foot Pickup Head with Electric Inhead Knife Sharpener, used 2 Seasons; No. 701 Uni-System w-cab combine equipped for shelling corn and corn picker; Gehl P.T.O. Trough Blower; 2 Grove P.T.O. Rear Unloading Silage Wagons with Beaters; Farmhand P.T.O. Rear Unloading Silage Wagon; Farmhand Rear Unloading Box; 18-Foot Flatbed Wagon with Hay Racks; Kurtz Tank Spreader; John Deere Van Brunt Grain Drill; 10-Foot Land Roller; Allis Chalmers 56-F Flail Chopper; 30-Foot Little Giant Elevator; King Wise Corn Drag; 16-Foot Utility Elevator; New Idea Side Rake; International No. 10 Grain Drill; 50-Foot Barn-o-matic Auger Feeder, new.

1955 FORD F-350 1-T. CATTLE TRUCK
Approximately 45 Ton Ear Corn

Two Surge Milk Meters; 25 Milk Cans; 2 Silage Carts; Two ¾-H.P. Electric Motors; 2-H.P. Air Compressor; 1½-H.P. Explosion Proof Electric Motor; 10 Rabbit Cages; 30 and 55-Gallon Drums; Snow Fence; Tobacco Press; Old Stainless Steel Milk Tank; without compressor; Scrap Iron Pile; Warm Morning Space Heater; Majestic Coal Stove, and many other items too numerous to mention.

Sale time, 11:00 A.M. We plan to start selling cattle at approximately 1:00 P.M. Sale by:

LEROY W. and MIRIAM S. OBERHOLTZER
R.D.3, MYERSTOWN, PA
717-866-5449

Sale Conducted by:
John E. & Paul E. Martin, Auctioneers
717-733-3511 — 733-3305
Dale Hoover, Pedigrees — 717-867-2489
Lunch Available

PUBLIC SALE
OF
FARM MACHINERY, HOLSTEIN HEIFERS
AND
HOUSEHOLD GOODS
SAT., FEB. 15, 1975
10 A.M.

Location: Off Route 272 on Kirks Mill Road, 3 miles northwest of Nottingham at Chester and Lancaster County Line.
Little Britain Township

IHC #756 diesel double hyd. hyd. seat fully equipped, good rubber; IHC #460 diesel; IHC 400 gas; Ford 860 with loader, live lift (dirt scoop, fork, double cylinders); Ford 3 pt. blade; IHC 4 bottom #700 auto. trip 16 in. plow trip coulters & gauge wheel; John Deere KBA 36 disc; Brillion cultipacker; IHC cut away disc; Fox chopper, FM super six, 2 row wide head & pickup; 2 self unloading wagons, Badger 2 yr. & Gehl; Fox table blower; New Holland #469 haybine; N.H. #55 rake; N.H. #268 hayliner baler with thrower; 2 thrower wagons, (both wide track); 2 elevators (Little Giant & Lapp); 2 mowers, Ford & IHC #25; 1952 Chevy farm truck (dump), 12 ft. flat bed.

New Holland #352 Grinder Mixer

John Deere 490 4 row cornplanter with fertilizer and insect.; Century field sprayer with 200 gal. fiberglass tank; New Idea #7 one row cornpicker; 2 grain bin wagons; J.D. 15 disc grain drill (double lift); Hawk Bilt 180 bu. spreader; IHC 10 ft. lime spreader; M.H. #50 Clipper combine with bin; N.H. flail chopper; 2 wagons (1 flat bed & 1 iron wheel); 16 ft. conveyor elevator; 75 ft. endless belt; Bean sprayer 500 gal. cent. pump with boom.

WinPower 45/25 alternator PT3J single and 3 phase outlet on trailer.

IHC 10 KVA generator, belt driven; elec. fly-sprayer; Stewart clippers; large dehorners & calf dehorners; pickup truck racks (wide); hoof trimmers; 15 milk cans; Fairbanks Morse scales; 2 new rolls barb wire; elec. fencers; grass seeder; hyd. jack & screw jack; anvil; vice; shop tools; log chains & log dogs; iron kettle; lard press and sausage grinder.

Household Goods from 10:00 till 10:45
App. 100 ton corn, 50 ton hay, 20 ton straw.

36 Nice Holstein Grade Heifers

12 bred due Aug. & Sept.; 7 15-month old; 4 1-yr. old; 12 6-month old; all ABS breeding; 30 da. test with charts sale day. All heifers from our certified herd sold in Sept. 1 Milk-O-Meter; 6 show halters.

Terms by,
ROBERT & MAUDE COUNTS
Kreider & Diller, Aucts.
Lunch

PUBLIC AUCTION
COMMUNITY CONSIGNMENT SALE
FARM EQUIPMENT
SATURDAY, FEBRUARY 8, 1975
AT 10:30 A.M.

Location: Between Ephrata and Lancaster along Route 222, at Brownstown take Route 772 West to Rothsville, turn right at White Swan Hotel onto Newport Road, then first road right, Warwick Township, Lancaster County, PA.

NEW TRACTORS
DAVID BROWN 1212 - Hydra Shift - Diesel
DAVID BROWN 1210 - Snychromesh Shift - Diesel
DAVID BROWN 990 - Synchromesh Shift - Diesel
USED TRACTORS

CASE 930 Comfort King Diesel, Case 870 Diesel, Oliver 1600 Diesel with rebuilt engine; International 706, Oliver 880 with 3-pt. hitch; Massey Ferguson 165 Diesel with quick change wheels; Massey Ferguson 65 with quick change wheels; Jubilee Ford Tractor, Case 400, Ford 9N, John Deere 50 on steel with live PTO and power steering; John Deere 350 Diesel Dozer with new engine; M.M. Uni-System Combine-Cornpicker with crane and dollie pushup.

More Tractors Will Be Here By Sale Day

CASE No. 220 Baler with thrower; Case No. 200 Baler with late model thrower; New Holland Super 69 Baler with PTO thrower; Oliver No. 620 Baler with thrower; Ford Baler, John Deere 24T Baler, New Idea No. 10 Corn Picker, Oliver 8-foot Cover Crop Disc Harrow, Case 8.5-foot Disc Harrow, Ferguson 3-pt. Rear Mounted Cultivator; Cultivators to fit 430 or 530 Case Tractors; 9-foot Brillion Cultipacker, 3-section Spring Harrow, International 2-bottom 16" 2-way Plow, International 4-bottom 16" Fast Hitch Plow, Case 3-bottom 14" Plow, International 411 Fast Hitch Plow.

CASE GRAIN DRILL, New Holland Mechanical Transplanter, 3-pt. hitch with water tanks; New Holland Flail Chopper, International 100 Mower, Allis Chalmers Heavy Duty Crusher, New Idea Hay Conditioner, International Fast Hitch Side Rake, 5-bar; Dunham 6-ton Wagon 5-ton Wagon, Lamco Forage Wagon, false endgate, complete; 16-foot "New" Kasten Forage Box with heavy duty rear unload, 8-ton running gear; Case 30-foot Bale Elevator with 1-hp. motor; Little Giant 30-foot Bale Elevator, like new.

FREEMAN Manure Loader with ground bucket to fit on 430 or 530 or similar model tractor; Case No. 180 Web Spreader PTO; New Idea No. 19 PTO Web Spreader, Fox Pull-type 2 Narrow Row Head with Pick-up Head; Field Sprayer, Pull-type PTO Cement Mixer, 6-ft. Scraper Blade.

1957 GMC TRUCK
21,000 Gross with Grain Bed and Dump
1963 CHEVROLET TRUCK
30 Series, 1-ton, with Racks

Massey Ferguson Snowmobile 500 SST 440 engine; Win Power PTO Generator, 12-kw; Heavy Duty John Deere Cylinder; Load of Used Garage Tools, Jacobsen 6-hp. 30" Snow Blower, Lawn Roller, Moto-Mower Riding Mower, 8-hp.; Jackson Trailer for lawn tractor; some new farm tools and numerous other items.
Sale Time: 10:30 A.M.

Terms by:
BINKLEY & HURST BROS.
R.D.4, Lititz, PA — 717-626-4705
John E. & Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305
Note There will be more farm equipment by day of sale There are not many small items Equipment will be sold early. Lunch Available

Public Sales Register

(Continued from Page 58)

South East of Kirkwood along Cooper Drive. Sale by John Hastings. Kreider and Diller, Auctioneers.

TENNESSEE MULES FOR SALE

OMAR S. STOLTZFUS

2442 Creek Hill Road

Lancaster, PA

SAT. MARCH 8 - Public Sale of Farm Equipment and Hay by Adam M. Horst, RD1, Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

WED. MARCH 12 - 12 Noon Public Sale of Livestock and Farm Equipment located ½ mile north of Rt. 23 in Bareville on North Hershey Ave. Terms by Ervin H. Nolt and Ivan H. Nolt, executors of the J. O. Nolt Estate. Robert E. Martin and Frank L. Steller, Auctioneers.

THURS. MAR. 13 - Complete Milking Herd and Bred Heifer Dispersal of 60 Head, Featuring several Apollo's, by Harold F. Crider, Chambersburg, Pa. R. Austin Backus and Penna. Holstein Association, Sale Managers and Auctioneers.

THURS. MARCH 13- Complete Holstein Dispersal Sale for William Stober, Adamstown, Pa. Randal Kline, Auctioneer.

Twp., Lancaster Co., Pa Terms by Fertile Acres Realty Co., Gordon Kling, Auctioneer.

SAT. MAR. 15 - 11 A.M. Public Sale of Farm Equipment located 1 mile east of Hessdale (Rt. 222), 9 miles South of Lancaster, along Sandstone Drive, Lanc. Co., Pa. Sale by Robert S. and Rhoda Dombach; Carl Diller and J. Everett Kreider, Auctioneers.

TUES. MARCH 18 - 11 a.m. Complete Registered Holstein Herd Dispersal located ½ mile North of Spring Garden. Sale by John S. Yost, RD1, Kinzer, Pa. Ivan R. Yost, Auctioneer; Robert Kauffman, Pedigrees.

TUES. MAR. 18 - 6 P.M. Big Antique Sale at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt; Richard Murray, Auctioneer.

MAR. 20 - 6 P.M. Household Goods and Antiques. MARCH 21 - 5 P.M. Household Good, Antiques, and Coin Sale. MARCH 22 - 9 A.M. Farmstock, lawn equipment, tractors, cars, trucks, hay and straw. All sales held at the 12th Annual Spring Sale, Kempton Community Center, Northern Berks County. 10 Auctioneers. Anything and everything sold on commission. More information write Kempton Sale, Box 42, Kempton, Pa. 19529 or Call 215-756-6511

THURS. MARCH 20 - Public Sale of Big Line of Farm - Machinery at Kyle's Dairy Farms, Mackeyville, Pa., 2 miles from Exit 25 or 26, I-80. Kyle and Wallace, owners; Mark Glick, Auctioneer. Complete listing will appear later.

FRI. MARCH 21 - Registered Holstein Milking Herd Dispersal located 1 mile North of Lititz, off Rte. 501, (55 Head Cert. and Accredited, DHIA 13,213 M, 514F, 3.9 percent Test. All Atlantic Breeding) Including Some Farm Equipment. Sale by H. Richard Hershey; Diller and Kreider, Auctioneers.

SAT. MARCH 22 - Eastern Shore Showcase Sale, 50 Registered Holstein Calves and Heifers. West Nottingham Sale Barn, Rising Sun, Md. for catalogs write Robert Knutsen, RD1, Rising Sun, Md. 21911

SAT. MARCH 22- 1 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by the Pa. Yorkshire Association.

SAT. MARCH 22 - 9:30 A.M. 26th Annual Consignment Sale by the Myerstown Brethren Menswork to be held at the Church grove. Eight Auctioneers. For further information contact John Gibble, RD2, Myerstown, Pa. Phone 866-4005

THURS. MAR. 27 - 11:30 A.M. Public Sale of Farm Equipment located along Homeville - Cream Road, take Union School Road from intersections No. 10 and No. 1. Travel 4½ miles, or ½ mile east of Hogg Cabinet Shop, watch for arrows. 6 miles North of Oxford, Chester Co., Pa. Sale by Warren M. and Mildred I. Smith; Carl Diller and J. Everett Kreider, Auctioneers.

SAT. MARCH 29 - 11:30 A.M. Public Auction of 180 Acre Farm, Farm Equipment and Tools located in Halifax Township, Dauphin County, Penna., 3 miles Northeast of Halifax, 5 miles Southeast of Millersburg, turn East off Route 147 at Tourist Park, one mile North of Halifax; Watch for Sale sign along the Tourist Park to Fisherville Road. Sale by Robert J. Portzline and Lee C. Rummel, Owners; George N. Deiber, and Ernest Enders, Auctioneers.

SAT. MARCH 29 - Public Sale of Real Estate, Household Goods and Antiques located at the corner of Earl Street, New Holland, Pa. Sale by Harrison Kling Est. Carl Diller, Auctioneer.

FRI. AUG. 8- 6 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by the Pa. Yorkshire Association.

LATE BULLETIN

Just Arrived at the Black & White Holstein Farm

100 HEAD

HOLSTEIN COWS

on DHIA from Clearfield County

For Further Details Call:

(717) 569-2106

(717) 569-6800

Ask for CHARLES or PARK MYERS

Sales Report

Sechrist Sale Company, Inc.
Livestock Auction
Stewartstown, Pa.
Jan. 20, 1975

CATTLE 84. Steers - High Choice and Prime $36.00-38.50; Good Choice $34.00-36.10; Good $32.00-34.50. Holsteins Good $30.00-33.10; Standard to Good $26.00-29.50. Heifers - High Choice and Prime $32.00-35.60; Good to Choice $30.00-31.85; Holsteins Good $22.00-27.10. Bulls - Utility to Standard $22.00-28.50. Cows - High Yearling Commercial $20.00 $23.50; Cutters $17.50-19.75; Canners Low Cutters $15.00-18.00; Shells $10.00-14.00.

CALVES 67. Calves - Choice and Prime $50.00-58.50; Good and Choice $38.00-49.00; Standard and Good $29.50-37.00; Utility to Good 110-140 lbs. $23.00-28.00; Utility 90-110 lbs. $17.00-22.50; Culls $12.00-16.00.

HOGS 150. Hogs - U.S. No. 1 and 2, 190-220 lbs. $40.00-40.50; U.S. No. 2 and 3, 190-230 lbs. $39.00-39.75; U.S. No. 2 and 3, 180-250 lbs. $37.00-38.50. Sows - 250-375 lbs. $30.00-33.10.

Private Treaty Fat Hogs, Select No. 1 and 2, 190-215 lbs. $40.00-41.00.

Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. $39.00-39.50.

Private Treaty Fat Hogs, No. 1 and 3, 190-220 lbs. $37.00-38.25.

Farmersville Auction
John Rutt, Owner
January 14, 1975

The following are highlights of Tuesday's auction at Farmersville. Maple bedroom suite $115; dining room suite $125; cedar chest $45; mahogany drop leaf table $42.50; sofa bed $75; and double barrel shot gun $50.

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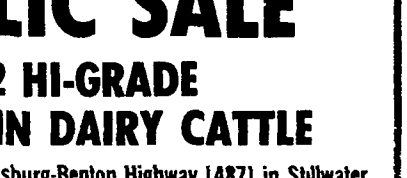

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FILL YOUR DAIRY BARN WHILE THE PRICE IS RIGHT.

EVERY DEAL IS A GOOD DEAL WHEN DEALING WITH THE MYERS' BOYS. THEY WON'T BE SATISFIED UNTIL YOU ARE.

FEBRUARY COW SALE FRIDAY NITE, FEB. 21

THE MYERS BOYS SET HIGH STANDARDS TO PURCHASE TOP QUALITY COWS FOR THEIR MONTHLY SALE.

For additional information on Bloodlines and Production, call Thursday, February 20th (717) 569-2106.

Sale held at the Black & White Holstein Farm located just West of Lancaster, Pa. on Dairy Lane. Exit 283 West of Lancaster at Flory's Mill Rd., turn left and then right around mill to farm.

ABE DIFFENBACH, Auctioneer
HENRY KETTERING, Pedigrees
PARK MYERS, Sales Manager
ROBERT LAWRENCE, Cashier

CHARLES C. MYERS

717-569-2106
or 717-569-6800

PUBLIC SALE

22 HI-GRADE HOLSTEIN DAIRY CATTLE

On Farm along the Bloomsburg-Benton Highway [487] in Stillwater, PA, Col. Co.

WEDNESDAY, JAN. 29, 1975

1:30 P.M.

13 cows, 8 fresh in last 3 months, Heifer due by sale. 4 bred and 4 open Heifers. Service Age bull sired by Tidy Burke Transmitter from Dam having 18,000 M and 784F. Some records available on the herd ABS and NEBA Breeding Health charts, pregnancy checked.

Girton 500 gal. D2 Bulk Tank.

Owner

JACK KINGSBURY

MAX FRALEY & SON, Aucts.

Sale Under Cover.

AGWAY

LAST CHANCE

TO SAVE ON

AGWAY FERTILIZER

EARLY-TAKE DISCOUNTS EXPIRE JANUARY 31st.
SO DON'T DELAY. TAKE NOW, PAY NOW AND
SAVE UP TO $8 A TON. AND **YOU'LL HAVE**
THE FERTILIZER YOU'LL BE NEEDING **COME SPRING.**

And remember — Agway will replace the stored fertilizer purchased during this sales period if loss or damage is due to fire or to water used in fighting fire.

Check with your Agway store, representative or Enterprise Salesman today and save!

G & G FEED & SUPPLY
Manheim
665-5001

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733-6593

LANCASTER STORE
394-0541

THOUGHT FOR THE WEEK

Happiness is
Crazy Arithmetic.
It Multiplies
When You Divide It.

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354-4526

QUARRYVILLE STORE
786-2126

SALUNGA STORE
898-2248
653-1864